PAIN

Pain 110 (2004) 770–775

www.elsevier.com/locate/pain

Author Index to Volume 110 (2004)

Aaron, L.A., see Turner, J.A., **110** 103
Affleck, G., see Keefe, F.J., **110** 539
Affleck, G., see Keefe, F.J., **110** 571
Afridi, S.K., Kaube, H., Goadsby, P.J., Glyceryl trinitrate triggers premonitory symptoms in migraineurs, **110** 675
Aicher, S.A., Silverman, M.B., Winkler, C.W., Bebo Jr., B.F., Hyperalgesia in an animal model of multiple sclerosis, **110** 560
Allen, C.P., see Sweitzer, S.M., **110** 269
Allen, C.P., see Sweitzer, S.M., **110** 281
Anderson, T., see Thorn, B.E., **110** 505
Anseloni, V., see Ren, K., **110** 588
Arendt-Nielsen, L., see Ge, H.-Y., **110** 72
Arendt-Nielsen, L., see Pedersen, J., **110** 393
Aretz, K., see Heuts, P.H.T.G., **110** 228
Arita, H., see Sato-Takeda, M., **110** 329
Ashleigh, A., see Grande, L.A., **110** 495
Attal, N., Bouhassira, D., Can pain be more or less neuropathic?, **110** 510
Aubel, B., Kayser, V., Mauborgne, A., Farré, A., Hamon, M., Bourgoin, S., Antihyperalgesic effects of cizolirtine in diabetic rats: behavioral and biochemical studies, **110** 22
Auvinen, A., see El-Metwally, A., **110** 550

Bach, F.W., see Rasmussen, P.V., **110** 461
Barnet, C.S., Tse, J.Y., Kohane, D.S., Site 1 sodium channel blockers prolong the duration of sciatic nerve blockade from tricyclic antidepressants, **110** 432
Basbaum, A., Introducing *e*-Pain, **110** 1
Baucom, D., see Keefe, F.J., **110** 539
Baumgärtner, U., see Schmahl, C., **110** 470
Beattie, P.F., Dowda, M., Feuerstein, M., Differentiating sensory and affective-sensory pain descriptions in patients undergoing magnetic resonance imaging for persistent low back pain, **110** 189
Beaupre, P., see Keefe, F.J., **110** 539
Bebo Jr., B.F., see Aicher, S.A., **110** 560
Bell, R.F., Kalso, E., Reply to comment by Lynch and Clark, **110** 765
Benoliel, R., see Eliav, E., **110** 727
Berde, C., see McCann, M.E., **110** 123
Berge, D.J., Dolin, S.J., Williams, A.C., Harman, R., Pre-operative and post-operative effect of a pain management programme prior to total hip replacement: a randomized controlled trial, **110** 33
Berry, J.D., Rowbotham, M.C., Petersen, K.L., Complex regional pain syndrome-like symptoms during herpes zoster, **110** 8
Bianchini, K.J., see Greve, K.W., **110** 499
Biedenkapp, J., see Holguin, A., **110** 517
Blumenthal, J., see Keefe, F.J., **110** 539
Boccalon, S., see Perissin, L., **110** 250
Bohus, M., see Schmahl, C., **110** 470
Bonaz, B., see Sinniger, V., **110** 738
Bouhassira, D., see Attal, N., **110** 510
Bourgoin, S., see Aubel, B., **110** 22
Bourke, D.L., Precision averaging, **110** 502
Bouter, L.M., see Hoving, J.L., **110** 639
Bravmann, C., see Holguin, A., **110** 517
Brookoff, D., see Carr, D.B., **110** 762
Broome, M.E., see Huth, M.M., **110** 439

doi:10.1016/S0304-3959(04)00327-6

Brousseau, M., see Lavigne, G., **110** 646
Buchbinder, R., see Willis, C., **110** 681

Caldwell, D.S., see Keefe, F.J., **110** 539
Caldwell, D.S., see Keefe, F.J., **110** 571
Campisi, J., see Holguin, A., **110** 517
Cano, A., Pain catastrophizing and social support in married individuals with chronic pain: the moderating role of pain duration, **110** 656
Capra, N.F., Ro, J.Y., Human and animal experimental models of acute and chronic muscle pain: intramuscular algesic injection, **110** 3
Carlton, S.M., see Jimenez-Andrade, J.M., **110** 10
Carlton, S.M., Zhou, S., Du, J., Hargett, G.L., Ji, G., Coggeshall, R.E., Somatostatin modulates the transient receptor potential vanilloid 1 (TRPV1) ion channel, **110** 616
Carmeli, E., see Defrin, R., **110** 767
Carr, D.B., Goudas, L.C., Denman, W.T., Brookoff, D., Lavin, P.T., Staats, P.S., Safety and efficacy of intranasal ketamine in a mixed population with chronic pain, **110** 762
Carr, D.B., Soledad Cepeda, M., 'Simply no difference' in pain intensity and opioid requirement when ultralow doses of naloxone are added to morphine PCA, **110** 502
Carstens, E., see Cuellar, J.M., **110** 578
Carstens, E., see Simons, C.T., **110** 64
Castañeda-Hernandez, G., see Jimenez-Andrade, J.M., **110** 10
Chacur, M., see Twining, C.M., **110** 299
Charapata, S., see Reynolds, L., **110** 182
Chastain, D.C., see Cook, A.J., **110** 310
Chen, C., see Jensen, M.P., **110** 480
Chen, Y., see Oatway, M.A., **110** 259
Cherkas, P.S., Huang, T.-Y., Pannicke, T., Tal, M., Reichenbach, A., Hanani, M., The effects of axotomy on neurons and satellite glial cells in mouse trigeminal ganglion, **110** 290
Clark, A.J., see Lynch, M.E., **110** 764
Cleeland, C.S., see Jensen, M.P., **110** 480
Coderre, T.J., see Katz, J., **110** 707
Coggeshall, R.E., see Carlton, S.M., **110** 616
Cook, A.J., Roberts, D.A., Henderson, M.D., Van Winkle, L.C., Chastain, D.C., Hamill-Ruth, R.J., Electronic pain questionnaires: A randomized, crossover comparison with paper questionnaires for chronic pain assessment, **110** 310
Coste, O., see Kunz, S., **110** 409
Coudoré-Civiale, M.-A., see Courteix, C., **110** 236
Courteix, C., Coudoré-Civiale, M.-A., Privat, A.-M., Pélissier, T., Eschalier, A., Fialip, J., Evidence for an exclusive antinociceptive effect of nociceptin/orphanin FQ, an endogenous ligand for the ORL1 receptor, in two animal models of neuropathic pain, **110** 236
Craig, K.D., Hadjistavropoulos, T., Different behavioral observation methods serve different purposes, **110** 766
Croft, P.R, see Thomas, E., **110** 361
Crombez, G., see Goubert, L., **110** 220
Crone, N.E., see Ohara, S., **110** 318
Cuellar, J.M., Montesano, P.X., Carstens, E., Role of TNF-alpha in sensitization of nociceptive dorsal horn neurons induced by application of nucleus pulposus to L5 dorsal root ganglion in rats, **110** 578

PAIN

Pain 110 (2004) 770–775

www.elsevier.com/locate/pain

Author Index to Volume 110 (2004)

Aaron, L.A., see Turner, J.A., **110** 103
Affleck, G., see Keefe, F.J., **110** 539
Affleck, G., see Keefe, F.J., **110** 571
Afridi, S.K., Kaube, H., Goadsby, P.J., Glyceryl trinitrate triggers premonitory symptoms in migraineurs, **110** 675
Aicher, S.A., Silverman, M.B., Winkler, C.W., Bebo Jr., B.F., Hyperalgesia in an animal model of multiple sclerosis, **110** 560
Allen, C.P., see Sweitzer, S.M., **110** 269
Allen, C.P., see Sweitzer, S.M., **110** 281
Anderson, T., see Thorn, B.E., **110** 505
Anseloni, V., see Ren, K., **110** 588
Arendt-Nielsen, L., see Ge, H.-Y., **110** 72
Arendt-Nielsen, L., see Pedersen, J., **110** 393
Aretz, K., see Heuts, P.H.T.G., **110** 228
Arita, H., see Sato-Takeda, M., **110** 329
Ashleigh, A., see Grande, L.A., **110** 495
Attal, N., Bouhassira, D., Can pain be more or less neuropathic?, **110** 510
Aubel, B., Kayser, V., Mauborgne, A., Farré, A., Hamon, M., Bourgoin, S., Antihyperalgesic effects of cizolirtine in diabetic rats: behavioral and biochemical studies, **110** 22
Auvinen, A., see El-Metwally, A., **110** 550

Bach, F.W., see Rasmussen, P.V., **110** 461
Barnet, C.S., Tse, J.Y., Kohane, D.S., Site 1 sodium channel blockers prolong the duration of sciatic nerve blockade from tricyclic antidepressants, **110** 432
Basbaum, A., Introducing *e*-Pain, **110** 1
Baucom, D., see Keefe, F.J., **110** 539
Baumgärtner, U., see Schmahl, C., **110** 470
Beattie, P.F., Dowda, M., Feuerstein, M., Differentiating sensory and affective-sensory pain descriptions in patients undergoing magnetic resonance imaging for persistent low back pain, **110** 189
Beaupre, P., see Keefe, F.J., **110** 539
Bebo Jr., B.F., see Aicher, S.A., **110** 560
Bell, R.F., Kalso, E., Reply to comment by Lynch and Clark, **110** 765
Benoliel, R., see Eliav, E., **110** 727
Berde, C., see McCann, M.E., **110** 123
Berge, D.J., Dolin, S.J., Williams, A.C., Harman, R., Pre-operative and post-operative effect of a pain management programme prior to total hip replacement: a randomized controlled trial, **110** 33
Berry, J.D., Rowbotham, M.C., Petersen, K.L., Complex regional pain syndrome-like symptoms during herpes zoster, **110** 8
Bianchini, K.J., see Greve, K.W., **110** 499
Biedenkapp, J., see Holguin, A., **110** 517
Blumenthal, J., see Keefe, F.J., **110** 539
Boccalon, S., see Perissin, L., **110** 250
Bohus, M., see Schmahl, C., **110** 470
Bonaz, B., see Sinniger, V., **110** 738
Bouhassira, D., see Attal, N., **110** 510
Bourgoin, S., see Aubel, B., **110** 22
Bourke, D.L., Precision averaging, **110** 502
Bouter, L.M., see Hoving, J.L., **110** 639
Bravmann, C., see Holguin, A., **110** 517
Brookoff, D., see Carr, D.B., **110** 762
Broome, M.E., see Huth, M.M., **110** 439

doi:10.1016/S0304-3959(04)00327-6

Brousseau, M., see Lavigne, G., **110** 646
Buchbinder, R., see Willis, C., **110** 681

Caldwell, D.S., see Keefe, F.J., **110** 539
Caldwell, D.S., see Keefe, F.J., **110** 571
Campisi, J., see Holguin, A., **110** 517
Cano, A., Pain catastrophizing and social support in married individuals with chronic pain: the moderating role of pain duration, **110** 656
Capra, N.F., Ro, J.Y., Human and animal experimental models of acute and chronic muscle pain: intramuscular algesic injection, **110** 3
Carlton, S.M., see Jimenez-Andrade, J.M., **110** 10
Carlton, S.M., Zhou, S., Du, J., Hargett, G.L., Ji, G., Coggeshall, R.E., Somatostatin modulates the transient receptor potential vanilloid 1 (TRPV1) ion channel, **110** 616
Carmeli, E., see Defrin, R., **110** 767
Carr, D.B., Goudas, L.C., Denman, W.T., Brookoff, D., Lavin, P.T., Staats, P.S., Safety and efficacy of intranasal ketamine in a mixed population with chronic pain, **110** 762
Carr, D.B., Soledad Cepeda, M., 'Simply no difference' in pain intensity and opioid requirement when ultralow doses of naloxone are added to morphine PCA, **110** 502
Carstens, E., see Cuellar, J.M., **110** 578
Carstens, E., see Simons, C.T., **110** 64
Castañeda-Hernandez, G., see Jimenez-Andrade, J.M., **110** 10
Chacur, M., see Twining, C.M., **110** 299
Charapata, S., see Reynolds, L., **110** 182
Chastain, D.C., see Cook, A.J., **110** 310
Chen, C., see Jensen, M.P., **110** 480
Chen, Y., see Oatway, M.A., **110** 259
Cherkas, P.S., Huang, T.-Y., Pannicke, T., Tal, M., Reichenbach, A., Hanani, M., The effects of axotomy on neurons and satellite glial cells in mouse trigeminal ganglion, **110** 290
Clark, A.J., see Lynch, M.E., **110** 764
Cleeland, C.S., see Jensen, M.P., **110** 480
Coderre, T.J., see Katz, J., **110** 707
Coggeshall, R.E., see Carlton, S.M., **110** 616
Cook, A.J., Roberts, D.A., Henderson, M.D., Van Winkle, L.C., Chastain, D.C., Hamill-Ruth, R.J., Electronic pain questionnaires: A randomized, crossover comparison with paper questionnaires for chronic pain assessment, **110** 310
Coste, O., see Kunz, S., **110** 409
Coudoré-Civiale, M.-A., see Courteix, C., **110** 236
Courteix, C., Coudoré-Civiale, M.-A., Privat, A.-M., Pélissier, T., Eschalier, A., Fialip, J., Evidence for an exclusive antinociceptive effect of nociceptin/orphanin FQ, an endogenous ligand for the ORL1 receptor, in two animal models of neuropathic pain, **110** 236
Craig, K.D., Hadjistavropoulos, T., Different behavioral observation methods serve different purposes, **110** 766
Croft, P.R, see Thomas, E., **110** 361
Crombez, G., see Goubert, L., **110** 220
Crone, N.E., see Ohara, S., **110** 318
Cuellar, J.M., Montesano, P.X., Carstens, E., Role of TNF-alpha in sensitization of nociceptive dorsal horn neurons induced by application of nucleus pulposus to L5 dorsal root ganglion in rats, **110** 578

Dao, T., see Watt-Watson, J., **110** 140
Davar, G., see Houck, C.S., **110** 719
de Bie, R.A., see Heuts, P.H.T.G., **110** 228
de Oliveira, R., dos Reis, M.P., Prado, W.A., The effects of early or late neurolytic sympathetic plexus block on the management of abdominal or pelvic cancer pain, **110** 400
de Vet, H.C.W., see Hoving, J.L., **110** 639
Defrin, R., Carmeli, E., Pick, C.G., Behavioral indices of pain and pain threshold measurement in individuals with mental retardation, **110** 767
Denman, W.T., see Carr, D.B., **110** 762
Desbiens, N., see Panda, M., **110** 337
Devillé, W.L.J.M., see Hoving, J.L., **110** 639
Devulder, J., see Goubert, L., **110** 220
Diers, M., see Karl, A., **110** 40
Dolan, S., Kelly, J.G., Monteiro, A.M., Nolan, A.M., Differential expression of central metabotropic glutamate receptor (mGluR) subtypes in a clinical model of post-surgical pain, **110** 369
Dolin, S.J., see Berge, D.J., **110** 33
dos Reis, M.P., see de Oliveira, R., **110** 400
Doshi, N., see Panda, M., **110** 337
Doucet, J.-C., see Rainville, P., **110** 605
Dowda, M., see Beattie, P.F., **110** 189
Drewes, A.M., see Pedersen, J., **110** 393
Du, J., see Carlton, S.M., **110** 616
Du, J., see Jimenez-Andrade, J.M., **110** 10
Dubner, R., see Ren, K., **110** 588
Duncan, G.H., see Rainville, P., **110** 605
DuPen, S., see Reynolds, L., **110** 182

Eccleston, C., see Goubert, L., **110** 220
Egert, J., see Keefe, F.J., **110** 539
Ehnert, C., see Kunz, S., **110** 409
Eisenbarth, H., Rukwied, R., Petersen, M., Schmelz, M., Sensitization to bradykinin B1 and B2 receptor activation in UV-B irradiated human skin, **110** 197
El Banoua, F., see Flores, J.A., **110** 205
Eliav, E., Tal, M., Benoliel, R., Experimental malignancy in the rat induces early hypersensitivity indicative of neuritis, **110** 727
El-Metwally, A., Salminen, J.J., Auvinen, A., Kautiainen, H., Mikkelsson, M., Prognosis of non-specific musculoskeletal pain in preadolescents: A prospective 4-year follow-up study till adolescence, **110** 550
Emery, C.F., see Keefe, F.J., **110** 571
Ennis, M., see Ren, K., **110** 588
Eschalier, A., see Courteix, C., **110** 236

Farré, A., see Aubel, B., **110** 22
Fernandez-Espejo, E., see Flores, J.A., **110** 205
Ferrari, R., Dr Ferrari's Response to Greve, **110** 500
Feuerstein, M., see Beattie, P.F., **110** 189
Fialip, J., see Courteix, C., **110** 236
Fisher, D.M., see Reynolds, L., **110** 182
Fitzgerald, M., Painful Beginnings, **110** 508
Fleshner, M., see Holguin, A., **110** 517
Flor, H., see Karl, A., **110** 40
Flor, H., see Karl, A., **110** 90
Flores, J.A., El Banoua, F., Galán-Rodríguez, B., Fernandez-Espejo, E., Opiate anti-nociception is attenuated following lesion of large dopamine neurons of the periaqueductal grey: critical role for D_1 (not D_2) dopamine receptors, **110** 205
Förderreuther, S., Sailer, U., Straube, A., Impaired self-perception of the hand in complex regional pain syndrome (CRPS), **110** 756
Fortin, M.-C., see Rainville, P., **110** 605
Fox, L.C., see Keefe, F.J., **110** 571
France, C.R., see Keefe, F.J., **110** 571
Fukuda, T., see Shimizu, T., **110** 246
Funch-Jensen, P., see Pedersen, J., **110** 393

Gabay, E., Tal, M., Pain behavior and nerve electrophysiology in the CCI model of neuropathic pain, **110** 354
Galán-Rodríguez, B., see Flores, J.A., **110** 205
Gallagher, R.M., see Raphael, K.G., **110** 449
Gao, Y.-J., Ren, W.-H., Zhang, Y.-Q., Zhao, Z.-Q., Contributions of the anterior cingulate cortex and amygdala to pain- and fear-conditioned place avoidance in rats, **110** 343
Garrow, A.P., Silman, A.J., Macfarlane, G.J., The Cheshire Foot Pain and Disability Survey: a population survey assessing prevalence and associations, **110** 378
Ge, H.-Y., Madeleine, P., Arendt-Nielsen, L., Sex differences in temporal characteristics of descending inhibitory control: an evaluation using repeated bilateral experimental induction of muscle pain, **110** 72
Geisslinger, G., see Kunz, S., **110** 409
Goadsby, P.J., see Afridi, S.K., **110** 675
Gold, M.S., see Ren, K., **110** 588
Goli, V., see Rowbotham, M.C., **110** 697
Good, M., see Huth, M.M., **110** 439
Gordon, A., see Watt-Watson, J., **110** 140
Goubert, L., Crombez, G., Eccleston, C., Devulder, J., Distraction from chronic pain during a pain-inducing activity is associated with greater post-activity pain, **110** 220
Goudas, L.C., see Carr, D.B., **110** 762
Goumnerova, L.C., see McCann, M.E., **110** 123
Grady, J.J., see Jimenez-Andrade, J.M., **110** 10
Grande, L.A., Loeser, J.D., Ozuna, J., Ashleigh, A., Samii, A., Complex regional pain syndrome as a stress response, **110** 495
Green, S., see Willis, C., **110** 681
Greffrath, W., see Schmahl, C., **110** 470
Gregersen, H., see Pedersen, J., **110** 393
Greve, K.W., Bianchini, K.J., More on the clinical and scientific relevance of 'symptom amplification' and psychological factors in pain, **110** 499
Guitard, F., see Lavigne, G., **110** 646
Gurtman, M.B., see Lackner, J.M., **110** 597

Haanpää, M., see Rorarius, M.G.F., **110** 175
Hackshaw, K.V., see Keefe, F.J., **110** 571
Hadjistavropoulos, T., see Craig, K.D., **110** 766
Häkkinen, A., see Ståhl, M., **110** 427
Hamill-Ruth, R.J., see Cook, A.J., **110** 310
Hamon, M., see Aubel, B., **110** 22
Hanani, M., see Cherkas, P.S., **110** 290
Hanaoka, K., see Sato-Takeda, M., **110** 329
Hanna, D.B., see Jensen, M.P., **110** 480
Hansen, M.K., see Holguin, A., **110** 517
Hargett, G.L., see Carlton, S.M., **110** 616
Harman, R., see Berge, D.J., **110** 33
Harris, L., see Thomas, E., **110** 361
Heinricher, M.M., Martenson, M.E., Neubert, M.J., Prostaglandin E_2 in the midbrain periaqueductal gray produces hyperalgesia and activates pain-modulating circuitry in the rostral ventromedial medulla, **110** 419
Heinricher, M.M., see Neubert, M.J., **110** 158
Heinze, E., see Reynolds, L., **110** 182
Henderson, M.D., see Cook, A.J., **110** 310
Heuts, P.H.T.G., Vlaeyen, J.W.S., Roelofs, J., de Bie, R.A., Aretz, K., van Weel, C., van Schayck, O. C.P., Pain-related fear and daily functioning in patients with osteoarthritis, **110** 228
Hoheisel, U., Reinöhl, J., Unger, T., Mense, S., Acidic pH and capsaicin activate mechanosensitive group IV muscle receptors in the rat, **110** 149
Holdridge-Zeuner, D., see Sutters, K.A., **110** 49
Holguin, A., O'Connor, K.A., Biedenkapp, J., Campisi, J., Wieseler-Frank, J., Milligan, E.D., Hansen, M.K., Spataro, L., Maksimova, E., Bravmann, C., Martin, D., Fleshner, M., Maier, S.F., Watkins, L.R., HIV-1 gp120 Stimulates proinflammatory cytokine-mediated pain facilitation via activation of nitric oxide synthase-I (nNOS), **110** 517
Honore, P., see Lynch III, J.J., **110** 56

Houck, C.S., Khodorova, A., Reale, A.M., Strichartz, G.R., Davar, G., Sensory fibers resistant to the actions of tetrodotoxin mediate nocifensive responses to local administration of endothelin-1 in rats, **110** 719
Hoving, J.L., see Willis, C., **110** 681
Hoving, J.L., de Vet, H.C.W., Twisk, J.W.R., Devillé, W.L.J.M., van der Windt, D., Koes, B.W., Bouter, L.M., Prognostic factors for neck pain in general practice, **110** 639
Huang, T.-Y., see Cherkas, P.S., **110** 290
Hunter, J., see Watt-Watson, J., **110** 140
Hutchinson, M.R., La Vincente, S.F., Somogyi, A.A., In vitro opioid induced proliferation of peripheral blood immune cells correlates with in vivo cold pressor pain tolerance in humans: a biological marker of pain tolerance, **110** 751
Huth, M.M., Broome, M.E., Good, M., Imagery reduces children's postoperative pain, **110** 439

Ihn, H., see Sato-Takeda, M., **110** 329
Iwata, S.-i., see Shimizu, T., **110** 246

Janal, M.N., see Raphael, K.G., **110** 449
Jensen, M.P., Mendoza, T., Hanna, D.B., Chen, C., Cleeland, C.S., The analgesic effects that underlie patient satisfaction with treatment, **110** 480
Jensen, T.S., see Rasmussen, P.V., **110** 461
Ji, G., see Carlton, S.M., **110** 616
Jimenez-Andrade, J.M., Zhou, S., Du, J., Yamani, A., Grady, J.J., Castañeda-Hernandez, G., Carlton, S.M., Pro-nociceptive role of peripheral galanin in inflammatory pain, **110** 10
Jørum, E., see Ørstavik, K., **110** 531
Juhem, A., see Sinniger, V., **110** 738
Jull, G., see Sterling, M., **110** 501

Kalso, E., see Bell, R.F., **110** 765
Karl, A., Diers, M., Flor, H., P300-amplitudes in upper limb amputees with and without phantom limb pain in a visual oddball paradigm, **110** 40
Karl, A., Mühlnickel, W., Kurth, R., Flor, H., Neuroelectric source imaging of steady-state movement-related cortical potentials in human upper extremity amputees with and without phantom limb pain, **110** 90
Kashikar-Zuck, S., see Keefe, F.J., **110** 539
Kato, T., see Lavigne, G., **110** 646
Katz, J., Schmid, R., Snijdelaar, D.G., Coderre, T.J., McCartney, C.J.L., Wowk, A., Pre-emptive analgesia using intravenous fentanyl plus low-dose ketamine for radical prostatectomy under general anesthesia does not produce short-term or long-term reductions in pain or analgesic use, **110** 707
Katz, N., see Reynolds, L., **110** 182
Kaube, H., see Afridi, S.K., **110** 675
Kautiainen, H., see El-Metwally, A., **110** 550
Kautiainen, H., see Ståhl, M., **110** 427
Kayser, V., see Aubel, B., **110** 22
Keefe, F.J., see Thorn, B.E., **110** 505
Keefe, F.J., Affleck, G., France, C.R., Emery, C.F., Waters, S., Caldwell, D.S., Stainbrook, D., Hackshaw, K.V., Fox, L.C., Wilson, K., Gender differences in pain, coping, and mood in individuals having osteoarthritic knee pain: a within-day analysis, **110** 571
Keefe, F.J., Blumenthal, J., Baucom, D., Affleck, G., Waugh, R., Caldwell, D.S., Beaupre, P., Kashikar-Zuck, S., Wright, K., Egert, J., Lefebvre, J., Effects of spouse-assisted coping skills training and exercise training in patients with osteoarthritic knee pain: a randomized controlled study, **110** 539
Kelly, J.G., see Dolan, S., **110** 369
Kenardy, J., see Sterling, M., **110** 501
Kendig, J.J., see Sweitzer, S.M., **110** 269
Kendig, J.J., see Sweitzer, S.M., **110** 281
Khodorova, A., see Houck, C.S., **110** 719
Kichko, T.I., Reeh, P.W., Why cooling is beneficial: non-linear temperature-dependency of stimulated iCGRP release from isolated rat skin, **110** 215
Kincaid, W., see Neubert, M.J., **110** 158
Knardahl, S., see Steingrímsdóttir, Ó.A., **110** 130
Koes, B.W., see Hoving, J.L., **110** 639
Kohane, D.S., see Barnet, C.S., **110** 432
Kruip, J., see Kunz, S., **110** 409
Kujansuu, E., see Rorarius, M.G.F., **110** 175
Kunz, N.R., see Rowbotham, M.C., **110** 697
Kunz, S., Niederberger, E., Ehnert, C., Coste, O., Pfenninger, A., Kruip, J., Wendrich, T.M., Schmidtko, A., Tegeder, I., Geisslinger, G., The calpain inhibitor MDL 28170 prevents inflammation-induced neurofilament light chain breakdown in the spinal cord and reduces thermal hyperalgesia, **110** 409
Kuo, C.-C., see Tsai, M.-L., **110** 665
Kurth, R., see Karl, A., **110** 90
Kvernebo, K., see Ørstavik, K., **110** 531

Lackner, J.M., Gurtman, M.B., Pain catastrophizing and interpersonal problems: a circumplex analysis of the communal coping model, **110** 597
LaMoreaux, L., see Rosenstock, J., **110** 628
Lanier, B., see Sutters, K.A., **110** 49
Lavigne, G., Brousseau, M., Kato, T., Mayer, P., Manzini, C., Guitard, F., Monplaisir, J., Experimental pain perception remains equally active over all sleep stages, **110** 646
Lavin, P.T., see Carr, D.B., **110** 762
La Vincente, S.F., see Hutchinson, M.R., **110** 751
Lax, L., see Watt-Watson, J., **110** 140
Lefebvre, J., see Keefe, F.J., **110** 539
Lei, D., see Rowbotham, M.C., **110** 697
Lenz, F.A., see Ohara, S., **110** 318
Li, W., Neugebauer, V., Block of NMDA and non-NMDA receptor activation results in reduced background and evoked activity of central amygdala neurons in a model of arthritic pain, **110** 112
Librach, L., see Watt-Watson, J., **110** 140
Lidow, M.S., see Ren, K., **110** 588
Lieb, K., see Schmahl, C., **110** 470
Loeser, J.D., see Grande, L.A., **110** 495
Lynch III, J.J., Wade, C.L., Zhong, C.M., Mikusa, J.P., Honore, P., Attenuation of mechanical allodynia by clinically utilized drugs in a rat chemotherapy-induced neuropathic pain model, **110** 56
Lynch, M.E., Clark, A.J., Comment on: Bell RF, Kalso K. Is intranasal ketamine an appropriate treatment for chronic non-cancer breakthrough pain? Pain 2004;108:1–2, **110** 764

Macfarlane, G.J., see Garrow, A.P., **110** 378
Madeleine, P., see Ge, H.-Y., **110** 72
Magerl, W., see Schmahl, C., **110** 470
Maier, S.F., see Holguin, A., **110** 517
Maier, S.F., see Twining, C.M., **110** 299
Maksimova, E., see Holguin, A., **110** 517
Mancl, L., see Turner, J.A., **110** 103
Manzini, C., see Lavigne, G., **110** 646
Marsh, H., see Twining, C.M., **110** 299
Martenson, M.E., see Heinricher, M.M., **110** 419
Martin, D., see Holguin, A., **110** 517
Martin, D., see Twining, C.M., **110** 299
Martucci, C., Panerai, A.E., Sacerdote, P., Chronic fentanyl or buprenorphine infusion in the mouse: similar analgesic profile but different effects on immune responses, **110** 385
Masuyama, T., see Shimizu, T., **110** 246
Mauborgne, A., see Aubel, B., **110** 22
Mauderli, A.P., see Staud, R., **110** 689
Mayer, P., see Lavigne, G., **110** 646
McCann, M.E., Waters, P., Goumnerova, L.C., Berde, C., Self-mutilation in young children following brachial plexus birth injury, **110** 123
McCartney, C.J.L., see Katz, J., **110** 707
Mendoza, T., see Jensen, M.P., **110** 480

Mennander, S., see Rorarius, M.G.F., **110** 175
Mense, S., see Hoheisel, U., **110** 149
Merskey, H., Intra-nasal ketamine for somatization?, **110** 765
Miaskowski, C., see Sutters, K.A., **110** 49
Mikkelsson, M., see El-Metwally, A., **110** 550
Mikkelsson, M., see Ståhl, M., **110** 427
Mikusa, J.P., see Lynch III, J.J., **110** 56
Milligan, E.D., see Holguin, A., **110** 517
Milligan, E.D., see Twining, C.M., **110** 299
Mochly-Rosen, D., see Sweitzer, S.M., **110** 281
Mock, D., see Watt-Watson, J., **110** 140
Monplaisir, J., see Lavigne, G., **110** 646
Monteiro, A.M., see Dolan, S., **110** 369
Montesano, P.X., see Cuellar, J.M., **110** 578
Morioka, H., see Shimizu, T., **110** 246
Morley, S., see Vlaeyen, J.W.S., **110** 512
Mørk, C., see Ørstavik, K., **110** 531
Mouchet, P., see Sinniger, V., **110** 738
Mühlnickel, W., see Karl, A., **110** 90

Nayak, S., see Raphael, K.G., **110** 449
Neubert, M.J., see Heinricher, M.M., **110** 419
Neubert, M.J., Kincaid, W., Heinricher, M.M., Nociceptive facilitating neurons in the rostral ventromedial medulla, **110** 158
Neugebauer, V., see Li, W., **110** 112
Niederberger, E., see Kunz, S., **110** 409
Niere, K.R., see Willis, C., **110** 681
Nolan, A.M., see Dolan, S., **110** 369
Nomoto, M., see Shimizu, T., **110** 246
Novikova, S.I., see Ren, K., **110** 588

Oatway, M.A., Chen, Y., Weaver, L.C., The 5-HT_3 receptor facilitates at-level mechanical allodynia following spinal cord injury, **110** 259
O'Connor, D.P., Comparison of two psychometric scaling methods for ratings of acute musculoskeletal pain, **110** 488
O'Connor, K.A., see Holguin, A., **110** 517
Ohara, S., Crone, N.E., Weiss, N., Treede, R.-D., Lenz, F.A., Amplitudes of laser evoked potential recorded from primary somatosensory, parasylvian and medial frontal cortex are graded with stimulus intensity, **110** 318
Ohashi, J., see Sato-Takeda, M., **110** 329
O'Leary, E.F., see Willis, C., **110** 681
Ørstavik, K., Mørk, C., Kvernebo, K., Jørum, E., Pain in primary erythromelalgia—a neuropathic component?, **110** 531
Ortolani, F., see Perissin, L., **110** 250
Ozuna, J., see Grande, L.A., **110** 495

Panda, M., Desbiens, N., Doshi, N., Sheldon, S., Determinants of prescribing meperidine compared to morphine in hospitalized patients, **110** 337
Panerai, A.E., see Martucci, C., **110** 385
Pannicke, T., see Cherkas, P.S., **110** 290
Paul, S.M., see Sutters, K.A., **110** 49
Peat, G., see Thomas, E., **110** 361
Pedersen, J., Reddy, H., Funch-Jensen, P., Arendt-Nielsen, L., Gregersen, H., Drewes, A.M., Cold and heat pain assessment of the human oesophagus after experimental sensitisation with acid, **110** 393
Pélissier, T., see Courteix, C., **110** 236
Pennefather, P., see Watt-Watson, J., **110** 140
Perissin, L., Boccalon, S., Scaggiante, B., Petrelli, L., Ortolani, F., Porro, C.A., Diurnal changes of tonic nociceptive responses in mice: evidence for a proalgesic role of melatonin, **110** 250
Petersen, K.L., see Berry, J.D., **110** 8
Petersen, M., see Eisenbarth, H., **110** 197
Petrelli, L., see Perissin, L., **110** 250
Pfenninger, A., see Kunz, S., **110** 409
Philipsen, A., see Schmahl, C., **110** 470
Pick, C.G., see Defrin, R., **110** 767
Pirhonen, R., see Rorarius, M.G.F., **110** 175
Poole, S., see Twining, C.M., **110** 299
Porcher, C., see Sinniger, V., **110** 738
Porro, C.A., see Perissin, L., **110** 250
Portenoy, R., see Reynolds, L., **110** 182
Prado, W.A., see de Oliveira, R., **110** 400
Price, D.D., see Staud, R., **110** 689
Privat, A.-M., see Courteix, C., **110** 236
Puura, A., see Rorarius, M.G.F., **110** 175

Rainville, P., Doucet, J.-C., Fortin, M.-C., Duncan, G.H., Rapid deterioration of pain sensory-discriminative information in short-term memory, **110** 605
Raman-Wilms, L., see Watt-Watson, J., **110** 140
Raphael, K.G., Janal, M.N., Nayak, S., Schwartz, J.E., Gallagher, R.M., Familial aggregation of depression in fibromyalgia: a community-based test of alternate hypotheses, **110** 449
Rasmussen, P.V., Sindrup, S.H., Jensen, T.S., Bach, F.W., Symptoms and signs in patients with suspected neuropathic pain, **110** 461
Rauck, R., see Reynolds, L., **110** 182
Reale, A.M., see Houck, C.S., **110** 719
Reddy, H., see Pedersen, J., **110** 393
Reeh, P.W., see Kichko, T.I., **110** 215
Reichenbach, A., see Cherkas, P.S., **110** 290
Reinöhl, J., see Hoheisel, U., **110** 149
Ren, K., Anseloni, V., Zou, S.-P., Wade, E.B., Novikova, S.I., Ennis, M., Traub, R.J., Gold, M.S., Dubner, R., Lidow, M.S., Characterization of basal and re-inflammation-associated long-term alteration in pain responsivity following short-lasting neonatal local inflamatory insult, **110** 588
Ren, W.-H., see Gao, Y.-J., **110** 343
Reynolds, L., Rauck, R., Webster, L., DuPen, S., Heinze, E., Portenoy, R., Katz, N., Charapata, S., Wallace, M., Fisher, D.M., Relative analgesic potency of fentanyl and sufentanil during intermediate-term infusions in patients after long-term opioid treatment for chronic pain, **110** 182
Rintala, S., see Rorarius, M.G.F., **110** 175
Ro, J.Y., see Capra, N.F., **110** 3
Roberts, D.A., see Cook, A.J., **110** 310
Robinson, M.E., see Staud, R., **110** 689
Røe, C., see Steingrímsdóttir, Ó.A., **110** 130
Roelofs, J., see Heuts, P.H.T.G., **110** 228
Rorarius, M.G.F., Mennander, S., Suominen, P., Rintala, S., Puura, A., Pirhonen, R., Salmelin, R., Haanpää, M., Kujansuu, E., Yli-Hankala, A., Gabapentin for the prevention of postoperative pain after vaginal hysterectomy, **110** 175
Rosenstock, J., Tuchman, M., LaMoreaux, L., Sharma, U., Pregabalin for the treatment of painful diabetic peripheral neuropathy: a double-blind, placebo-controlled trial, **110** 628
Rowbotham, M.C., see Berry, J.D., **110** 8
Rowbotham, M.C., Goli, V., Kunz, N.R., Lei, D., Venlafaxine extended release in the treatment of painful diabetic neuropathy: a double-blind, placebo-controlled study, **110** 697
Rukwied, R., see Eisenbarth, H., **110** 197
Russell, C., see Wang, G.K., **110** 166

Sacerdote, P., see Martucci, C., **110** 385
Sailer, U., see Förderreuther, S., **110** 756
Salmelin, R., see Rorarius, M.G.F., **110** 175
Salminen, J.J., see El-Metwally, A., **110** 550
Salminen, J.J., see Ståhl, M., **110** 427
Salter, M., see Watt-Watson, J., **110** 140
Samii, A., see Grande, L.A., **110** 495
Satake, M., see Sato-Takeda, M., **110** 329
Sato-Takeda, M., Ihn, H., Ohashi, J., Tsuchiya, N., Satake, M., Arita, H., Tamaki, K., Hanaoka, K., Tokunaga, K., Yabe, T., The human histocompatibility leukocyte antigen (HLA) haplotype is associated with the onset of postherpetic neuralgia after herpes zoster, **110** 329

Savedra, M.C., see Sutters, K.A., **110** 49
Sawynok, J., see Waldron, J.B., **110** 79
Scaggiante, B., see Perissin, L., **110** 250
Schlereth, T., see Schmahl, C., **110** 470
Schmahl, C., Greffrath, W., Baumgärtner, U., Schlereth, T., Magerl, W., Philipsen, A., Lieb, K., Bohus, M., Treede, R.-D., Differential nociceptive deficits in patients with borderline personality disorder and self-injurious behavior: laser-evoked potentials, spatial discrimination of noxious stimuli, and pain ratings, **110** 470
Schmelz, M., see Eisenbarth, H., **110** 197
Schmid, R., see Katz, J., **110** 707
Schmidtko, A., see Kunz, S., **110** 409
Schreiber, M., see Watt-Watson, J., **110** 140
Schwartz, J.E., see Raphael, K.G., **110** 449
Sharma, U., see Rosenstock, J., **110** 628
Sheldon, S., see Panda, M., **110** 337
Shimizu, T., Iwata, S.-i., Morioka, H., Masuyama, T., Fukuda, T., Nomoto, M., Antinociceptive mechanism of L-DOPA, **110** 246
Silman, A.J., see Garrow, A.P., **110** 378
Silverman, M.B., see Aicher, S.A., **110** 560
Simons, C.T., Sudo, S., Sudo, M., Carstens, E., Mustard oil has differential effects on the response of trigeminal caudalis neurons to heat and acidity, **110** 64
Sindrup, S.H., see Rasmussen, P.V., **110** 461
Sinniger, V., Porcher, C., Mouchet, P., Juhem, A., Bonaz, B., c-fos and CRF receptor gene transcription in the brain of acetic acid-induced somato-visceral pain in rats, **110** 738
Sloane, E.M., see Twining, C.M., **110** 299
Snijdelaar, D.G., see Katz, J., **110** 707
Soledad Cepeda, M., see Carr, D.B., **110** 502
Somogyi, A.A., see Hutchinson, M.R., **110** 751
Spataro, L., see Holguin, A., **110** 517
Staats, P.S., see Carr, D.B., **110** 762
Ståhl, M., Mikkelsson, M., Kautiainen, H., Häkkinen, A., Ylinen, J., Salminen, J.J., Neck pain in adolescence. A 4-year follow-up of pain-free preadolescents, **110** 427
Stainbrook, D., see Keefe, F.J., **110** 571
Staud, R., Price, D.D., Robinson, M.E., Mauderli, A.P., Vierck, C.J., Maintenance of windup of second pain requires less frequent stimulation in fibromyalgia patients compared to normal controls, **110** 689
Steingrímsdóttir, Ó.A., Vøllestad, N.K., Røe, C., Knardahl, S., Variation in reporting of pain and other subjective health complaints in a working population and limitations of single sample measurements, **110** 130
Sterling, M., Jull, G., Vicenzino, B., Kenardy, J., Response to Drs Greve and Bianchini, **110** 501
Stinson, J., see Watt-Watson, J., **110** 140
Straube, A., see Förderreuther, S., **110** 756
Strichartz, G.R., see Houck, C.S., **110** 719
Sudo, M., see Simons, C.T., **110** 64
Sudo, S., see Simons, C.T., **110** 64
Sun, W.-Z., see Tsai, M.-L., **110** 665
Suominen, P., see Rorarius, M.G.F., **110** 175
Sutters, K.A., Miaskowski, C., Holdridge-Zeuner, D., Waite, S., Paul, S.M., Savedra, M.C., Lanier, B., A randomized clinical trial of the effectiveness of a scheduled oral analgesic dosing regimen for the management of postoperative pain in children following tonsillectomy, **110** 49
Sweitzer, S.M., Allen, C.P., Zissen, M.H., Kendig, J.J., Mechanical allodynia and thermal hyperalgesia upon acute opioid withdrawal in the neonatal rat, **110** 269
Sweitzer, S.M., Wong, S.M.E., Tjolsen, A., Allen, C.P., Mochly-Rosen, D., Kendig, J.J., Exaggerated nociceptive responses on morphine withdrawal: roles of protein kinase C ε and γ, **110** 281

Tal, M., see Cherkas, P.S., **110** 290
Tal, M., see Eliav, E., **110** 727
Tal, M., see Gabay, E., **110** 354
Tamaki, K., see Sato-Takeda, M., **110** 329
Tegeder, I., see Kunz, S., **110** 409
Thomas, E., Peat, G., Harris, L., Wilkie, R., Croft, P.R, The prevalence of pain and pain interference in a general population of older adults: cross-sectional findings from the North Staffordshire Osteoarthritis Project (NorStOP), **110** 361
Thorn, B.E., Keefe, F.J., Anderson, T., The communal coping model and interpersonal context: problems or process?, **110** 505
Tjolsen, A., see Sweitzer, S.M., **110** 281
Tokunaga, K., see Sato-Takeda, M., **110** 329
Traub, R.J., see Ren, K., **110** 588
Treede, R.-D., see Ohara, S., **110** 318
Treede, R.-D., see Schmahl, C., **110** 470
Tsai, M.-L., Kuo, C.-C., Sun, W.-Z., Yen, C.-T., Differential morphine effects on short- and long-latency laser-evoked cortical responses in the rat, **110** 665
Tse, J.Y., see Barnet, C.S., **110** 432
Tsuchiya, N., see Sato-Takeda, M., **110** 329
Tuchman, M., see Rosenstock, J., **110** 628
Turner, J.A., Mancl, L., Aaron, L.A., Pain-related catastrophizing: a daily process study, **110** 103
Twining, C.M., Sloane, E.M., Milligan, E.D., Chacur, M., Martin, D., Poole, S., Marsh, H., Maier, S.F., Watkins, L.R., Peri-sciatic proinflammatory cytokines, reactive oxygen species, and complement induce mirror-image neuropathic pain in rats, **110** 299
Twisk, J.W.R., see Hoving, J.L., **110** 639

Unger, T., see Hoheisel, U., **110** 149

van der Windt, D., see Hoving, J.L., **110** 639
van Schayck, O. C.P., see Heuts, P.H.T.G., **110** 228
van Weel, C., see Heuts, P.H.T.G., **110** 228
Van Winkle, L.C., see Cook, A.J., **110** 310
Vicenzino, B., see Sterling, M., **110** 501
Vierck, C.J., see Staud, R., **110** 689
Vlaeyen, J.W.S., see Heuts, P.H.T.G., **110** 228
Vlaeyen, J.W.S., Morley, S., Active despite pain: the putative role of stop-rules and current mood, **110** 512
Vøllestad, N.K., see Steingrímsdóttir, Ó.A., **110** 130

Wade, C.L., see Lynch III, J.J., **110** 56
Wade, E.B., see Ren, K., **110** 588
Waite, S., see Sutters, K.A., **110** 49
Waldron, J.B., Sawynok, J., Peripheral P2X receptors and nociception: interactions with biogenic amine systems, **110** 79
Wallace, M., see Reynolds, L., **110** 182
Wang, G.K., Russell, C., Wang, S.-Y., State-dependent block of voltage-gated Na^+ channels by amitriptyline via the local anesthetic receptor and its implication for neuropathic pain, **110** 166
Wang, S.-Y., see Wang, G.K., **110** 166
Waters, P., see McCann, M.E., **110** 123
Waters, S., see Keefe, F.J., **110** 571
Watkins, L.R., see Holguin, A., **110** 517
Watkins, L.R., see Twining, C.M., **110** 299
Watt-Watson, J., Hunter, J., Pennefather, P., Librach, L., Raman-Wilms, L., Schreiber, M., Lax, L., Stinson, J., Dao, T., Gordon, A., Mock, D., Salter, M., An integrated undergraduate pain curriculum, based on IASP curricula, for six Health Science Faculties, **110** 140
Waugh, R., see Keefe, F.J., **110** 539
Weaver, L.C., see Oatway, M.A., **110** 259
Webster, L., see Reynolds, L., **110** 182
Weiss, N., see Ohara, S., **110** 318
Wendrich, T.M., see Kunz, S., **110** 409
Wieseler-Frank, J., see Holguin, A., **110** 517
Wilkie, R., see Thomas, E., **110** 361
Williams, A.C., see Berge, D.J., **110** 33
Willis, C., Niere, K.R., Hoving, J.L., Green, S., O'Leary, E.F., Buchbinder, R., Reproducibility and responsiveness of the Whiplash Disability Questionnaire, **110** 681

Wilson, K., see Keefe, F.J., **110** 571
Winkler, C.W., see Aicher, S.A., **110** 560
Wong, S.M.E., see Sweitzer, S.M., **110** 281
Wowk, A., see Katz, J., **110** 707
Wright, K., see Keefe, F.J., **110** 539

Yabe, T., see Sato-Takeda, M., **110** 329
Yamani, A., see Jimenez-Andrade, J.M., **110** 10
Yen, C.-T., see Tsai, M.-L., **110** 665
Yli-Hankala, A., see Rorarius, M.G.F., **110** 175
Ylinen, J., see Ståhl, M., **110** 427

Zhang, Y.-Q., see Gao, Y.-J., **110** 343
Zhao, Z.-Q., see Gao, Y.-J., **110** 343
Zhong, C.M., see Lynch III, J.J., **110** 56
Zhou, S., see Carlton, S.M., **110** 616
Zhou, S., see Jimenez-Andrade, J.M., **110** 10
Zissen, M.H., see Sweitzer, S.M., **110** 269
Zou, S.-P., see Ren, K., **110** 588

PAIN

Pain 110 (2004) 776–786

www.elsevier.com/locate/pain

Subject Index to Volume 110 (2004)

Acetaminophen
Attenuation of mechanical allodynia by clinically utilized drugs in a rat chemotherapy-induced neuropathic pain model, **110**, 56

Acetaminophen with codeine
A randomized clinical trial of the effectiveness of a scheduled oral analgesic dosing regimen for the management of postoperative pain in children following tonsillectomy, **110**, 49

Acid-sensing ion channels
Acidic pH and capsaicin activate mechanosensitive group IV muscle receptors in the rat, **110**, 149

Adenoidectomy
Imagery reduces children's post-operative pain, **110**, 439

Adolescent
Neck pain in adolescence. A 4-year follow-up of pain-free preadolescents, **110**, 427

Aged
The prevalence of pain and pain interference in a general population of older adults: cross-sectional findings from the North Staffordshire Osteoarthritis Project (NorStOP), **110**, 361

Agnosia
Impaired self-perception of the hand in complex regional pain syndrome (CRPS), **110**, 756

AHZ
Complex regional pain syndrome-like symptoms during herpes zoster, **110**, 8

Allodynia
Attenuation of mechanical allodynia by clinically utilized drugs in a rat chemotherapy-induced neuropathic pain model, **110**, 56

Allodynia
Exaggerated nociceptive responses on morphine withdrawal: roles of protein kinase C ε and γ, **110**, 281

Allodynia
HIV-1 gp120 Stimulates proinflammatory cytokine-mediated pain facilitation via activation of nitric oxide synthase-I (nNOS), **110**, 517

Allodynia
Mechanical allodynia and thermal hyperalgesia upon acute opioid withdrawal in the neonatal rat, **110**, 269

Allodynia
Peri-sciatic proinflammatory cytokines, reactive oxygen species, and complement induce mirror-image neuropathic pain in rats, **110**, 299

Allodynia
Symptoms and signs in patients with suspected neuropathic pain, **110**, 461

Ambulatory surgery
Imagery reduces children's post-operative pain, **110**, 439

Amitriptyline
State-dependent block of voltage-gated Na^+ channels by amitriptyline via the local anesthetic receptor and its implication for neuropathic pain, **110**, 166

doi:10.1016/S0304-3959(04)00328-8

Amputation
Neuroelectric source imaging of steady-state movement-related cortical potentials in human upper extremity amputees with and without phantom limb pain, **110**, 90

Amputation
P300-amplitudes in upper limb amputees with and without phantom limb pain in a visual oddball paradigm, **110**, 40

Amygdala
Contributions of the anterior cingulate cortex and amygdala to pain- and fear-conditioned place avoidance in rats, **110**, 343

Analgesia
Differential nociceptive deficits in patients with borderline personality disorder and self-injurious behavior: laser-evoked potentials, spatial discrimination of noxious stimuli, and pain ratings, **110**, 470

Analgesia
Nociceptive facilitating neurons in the rostral ventromedial medulla, **110**, 158

Analgesia
Pre-emptive analgesia using intravenous fentanyl plus low-dose ketamine for radical prostatectomy under general anesthesia does not produce short-term or long-term reductions in pain or analgesic use, **110**, 707

Analgesia
The effects of early or late neurolytic sympathetic plexus block on the management of abdominal or pelvic cancer pain, **110**, 400

Analgesia
Venlafaxine extended release in the treatment of painful diabetic neuropathy: a double-blind, placebo-controlled study, **110**, 697

Analgesics
Chronic fentanyl or buprenorphine infusion in the mouse: similar analgesic profile but different effects on immune responses, **110**, 385

Anterior cingulate cortex
Amplitudes of laser evoked potential recorded from primary somatosensory, parasylvian and medial frontal cortex are graded with stimulus intensity, **110**, 318

Anterior cingulate cortex
Contributions of the anterior cingulate cortex and amygdala to pain- and fear-conditioned place avoidance in rats, **110**, 343

Anticonvulsants
Pregabalin for the treatment of painful diabetic peripheral neuropathy: a double-blind, placebo-controlled trial, **110**, 628

Antidepressants
Venlafaxine extended release in the treatment of painful diabetic neuropathy: a double-blind, placebo-controlled study, **110**, 697

Arthritis
Block of NMDA and non-NMDA receptor activation results in reduced background and evoked activity of central amygdala neurons in a model of arthritic pain, **110**, 112

Assessment
Electronic pain questionnaires: A randomized, crossover comparison with paper questionnaires for chronic pain assessment, **110**, 310

Assessment
Pre-operative and post-operative effect of a pain management programme prior to total hip replacement: a randomized controlled trial, **110**, 33
Assessment
The analgesic effects that underlie patient satisfaction with treatment, **110**, 480
Astrocytes
HIV-1 gp120 Stimulates proinflammatory cytokine-mediated pain facilitation via activation of nitric oxide synthase-I (nNOS), **110**, 517
ATP
Acidic pH and capsaicin activate mechanosensitive group IV muscle receptors in the rat, **110**, 149
Attention
Differential nociceptive deficits in patients with borderline personality disorder and self-injurious behavior: laser-evoked potentials, spatial discrimination of noxious stimuli, and pain ratings, **110**, 470
Aura
Glyceryl trinitrate triggers premonitory symptoms in migraineurs, **110**, 675
Avoidance behaviour
Pain-related fear and daily functioning in patients with osteoarthritis, **110**, 228
Awakening
Experimental pain perception remains equally active over all sleep stages, **110**, 646
Axotomy
The effects of axotomy on neurons and satellite glial cells in mouse trigeminal ganglion, **110**, 290
B1 receptor
Sensitization to bradykinin B1 and B2 receptor activation in UV-B irradiated human skin, **110**, 197
B2 receptor
Sensitization to bradykinin B1 and B2 receptor activation in UV-B irradiated human skin, **110**, 197
Biomarker
In vitro opioid induced proliferation of peripheral blood immune cells correlates with in vivo cold pressor pain tolerance in humans: a biological marker of pain tolerance, **110**, 751
Borderline personality disorder
Differential nociceptive deficits in patients with borderline personality disorder and self-injurious behavior: laser-evoked potentials, spatial discrimination of noxious stimuli, and pain ratings, **110**, 470
Brachial plexus
Self-mutilation in young children following brachial plexus birth injury, **110**, 123
Bradykinin
Sensitization to bradykinin B1 and B2 receptor activation in UV-B irradiated human skin, **110**, 197
Bupivacaine
Site 1 sodium channel blockers prolong the duration of sciatic nerve blockade from tricyclic antidepressants, **110**, 432
Cancer pain
Attenuation of mechanical allodynia by clinically utilized drugs in a rat chemotherapy-induced neuropathic pain model, **110**, 56
Cancer pain
The effects of early or late neurolytic sympathetic plexus block on the management of abdominal or pelvic cancer pain, **110**, 400
Capsaicin
Somatostatin modulates the transient receptor potential vanilloid 1 (TRPV1) ion channel, **110**, 616
Capsaicin
Why cooling is beneficial: non-linear temperature-dependency of stimulated iCGRP release from isolated rat skin, **110**, 215
Catastrophizing
Pain catastrophizing and interpersonal problems: a circumplex analysis of the communal coping model, **110**, 597
Catastrophizing
Pain-related catastrophizing: a daily process study, **110**, 103
Central nervous system
Hyperalgesia in an animal model of multiple sclerosis, **110**, 560
Central nucleus of the amygdala
Block of NMDA and non-NMDA receptor activation results in reduced background and evoked activity of central amygdala neurons in a model of arthritic pain, **110**, 112
C-fibers
Pain in primary erythromelalgia—a neuropathic component?, **110**, 531
Children
Neck pain in adolescence. A 4-year follow-up of pain-free preadolescents, **110**, 427
Children
Prognosis of non-specific musculoskeletal pain in preadolescents: A prospective 4-year follow-up study till adolescence, **110**, 550
Chronic constriction injury
Pain behavior and nerve electrophysiology in the CCI model of neuropathic pain, **110**, 354
Chronic low back pain
Distraction from chronic pain during a pain-inducing activity is associated with greater post-activity pain, **110**, 220
Chronic pain
Active despite pain: the putative role of stop-rules and current mood, **110**, 512
Chronic pain
Electronic pain questionnaires: A randomized, crossover comparison with paper questionnaires for chronic pain assessment, **110**, 310
Chronic pain
Evidence for an exclusive antinociceptive effect of nociceptin/orphanin FQ, an endogenous ligand for the ORL1 receptor, in two animal models of neuropathic pain, **110**, 236
Chronic pain
Maintenance of windup of second pain requires less frequent stimulation in fibromyalgia patients compared to normal controls, **110**, 689
Chronic pain
Pain-related catastrophizing: a daily process study, **110**, 103
Chronobiology
Diurnal changes of tonic nociceptive responses in mice: evidence for a proalgesic role of melatonin, **110**, 250
Circumplex
Pain catastrophizing and interpersonal problems: a circumplex analysis of the communal coping model, **110**, 597
Cizolirtine
Antihyperalgesic effects of cizolirtine in diabetic rats: behavioral and biochemical studies, **110**, 22
Clinical trial
Gabapentin for the prevention of postoperative pain after vaginal hysterectomy, **110**, 175
Cognitive-behavioral mechanisms
Active despite pain: the putative role of stop-rules and current mood, **110**, 512
Cold pressor pain tolerance
In vitro opioid induced proliferation of peripheral blood immune cells correlates with in vivo cold pressor pain tolerance in humans: a biological marker of pain tolerance, **110**, 751
Complaints
Variation in reporting of pain and other subjective health complaints in a working population and limitations of single sample measurements, **110**, 130
Complement
Peri-sciatic proinflammatory cytokines, reactive oxygen species, and complement induce mirror-image neuropathic pain in rats, **110**, 299
Complex regional pain syndrome
Complex regional pain syndrome as a stress response, **110**, 495

Complex regional pain syndrome
Impaired self-perception of the hand in complex regional pain syndrome (CRPS), **110**, 756
Computers
Electronic pain questionnaires: A randomized, crossover comparison with paper questionnaires for chronic pain assessment, **110**, 310
Conditioned place avoidance
Contributions of the anterior cingulate cortex and amygdala to pain- and fear-conditioned place avoidance in rats, **110**, 343
Confirmatory factor analysis
Pain-related fear and daily functioning in patients with osteoarthritis, **110**, 228
Conversion disorder
Complex regional pain syndrome as a stress response, **110**, 495
Cortical reorganization
Neuroelectric source imaging of steady-state movement-related cortical potentials in human upper extremity amputees with and without phantom limb pain, **110**, 90
Corticotrophin-releasing factor
c-fos and CRF receptor gene transcription in the brain of acetic acid-induced somato-visceral pain in rats, **110**, 738
Cross-sectional survey
The prevalence of pain and pain interference in a general population of older adults: cross-sectional findings from the North Staffordshire Osteoarthritis Project (NorStOP), **110**, 361
Cumulative fentanyl
Gabapentin for the prevention of postoperative pain after vaginal hysterectomy, **110**, 175
Cutaneous inflammatory pain
Pro-nociceptive role of peripheral galanin in inflammatory pain, **110**, 10
Cytokines
Chronic fentanyl or buprenorphine infusion in the mouse: similar analgesic profile but different effects on immune responses, **110**, 385
D2 receptor
Antinociceptive mechanism of L-DOPA, **110**, 246
Daily diary
Gender differences in pain, coping, and mood in individuals having osteoarthritic knee pain: a within-day analysis, **110**, 571
Deep sleep
Experimental pain perception remains equally active over all sleep stages, **110**, 646
Deep tissue pain
Block of NMDA and non-NMDA receptor activation results in reduced background and evoked activity of central amygdala neurons in a model of arthritic pain, **110**, 112
Descending control
Nociceptive facilitating neurons in the rostral ventromedial medulla, **110**, 158
Descending facilitation
Prostaglandin E_2 in the midbrain periaqueductal gray produces hyperalgesia and activates pain-modulating circuitry in the rostral ventromedial medulla, **110**, 419
Descending inhibition
Sex differences in temporal characteristics of descending inhibitory control: an evaluation using repeated bilateral experimental induction of muscle pain, **110**, 72
Development
Characterization of basal and re-inflammation-associated long-term alteration in pain responsivity following short-lasting neonatal local inflamatory insult, **110**, 588
Diabetes
Antihyperalgesic effects of cizolirtine in diabetic rats: behavioral and biochemical studies, **110**, 22
Diabetic neuropathy
Venlafaxine extended release in the treatment of painful diabetic neuropathy: a double-blind, placebo-controlled study, **110**, 697
Diabetic rats
Evidence for an exclusive antinociceptive effect of nociceptin/orphanin FQ, an endogenous ligand for the ORL1 receptor, in two animal models of neuropathic pain, **110**, 236
Differential expression
Differential expression of central metabotropic glutamate receptor (mGluR) subtypes in a clinical model of post-surgical pain, **110**, 369
Disability
Pain-related fear and daily functioning in patients with osteoarthritis, **110**, 228
Distraction
Distraction from chronic pain during a pain-inducing activity is associated with greater post-activity pain, **110**, 220
Dopamine
Antinociceptive mechanism of L-DOPA, **110**, 246
Dopamine
Opiate anti-nociception is attenuated following lesion of large dopamine neurons of the periaqueductal grey: critical role for D_1 (not D_2) dopamine receptors, **110**, 205
Dopaminergic receptor
Opiate anti-nociception is attenuated following lesion of large dopamine neurons of the periaqueductal grey: critical role for D_1 (not D_2) dopamine receptors, **110**, 205
Dorsal horn
Role of TNF-alpha in sensitization of nociceptive dorsal horn neurons induced by application of nucleus pulposus to L5 dorsal root ganglion in rats, **110**, 578
Dorsal root ganglia
The calpain inhibitor MDL 28170 prevents inflammation-induced neurofilament light chain breakdown in the spinal cord and reduces thermal hyperalgesia, **110**, 409
2D-PAGE
The calpain inhibitor MDL 28170 prevents inflammation-induced neurofilament light chain breakdown in the spinal cord and reduces thermal hyperalgesia, **110**, 409
Ectopic firing
The effects of axotomy on neurons and satellite glial cells in mouse trigeminal ganglion, **110**, 290
Electronic data
Electronic pain questionnaires: A randomized, crossover comparison with paper questionnaires for chronic pain assessment, **110**, 310
Electronic interview
Pain-related catastrophizing: a daily process study, **110**, 103
Electrophysiology
Role of TNF-alpha in sensitization of nociceptive dorsal horn neurons induced by application of nucleus pulposus to L5 dorsal root ganglion in rats, **110**, 578
Encephalomalacia
Complex regional pain syndrome as a stress response, **110**, 495
Endothelin-1
Sensory fibers resistant to the actions of tetrodotoxin mediate nocifensive responses to local administration of endothelin-1 in rats, **110**, 719
Ensemble neuronal activity
Differential morphine effects on short- and long-latency laser-evoked cortical responses in the rat, **110**, 665
Erythromelalgia
Pain in primary erythromelalgia—a neuropathic component?, **110**, 531
Event-related potential
P300-amplitudes in upper limb amputees with and without phantom limb pain in a visual oddball paradigm, **110**, 40
Experimental pain
Block of NMDA and non-NMDA receptor activation results in reduced background and evoked activity of central amygdala neurons in a model of arthritic pain, **110**, 112
Experimental pain
Cold and heat pain assessment of the human oesophagus after experimental sensitisation with acid, **110**, 393

Extinction
Impaired self-perception of the hand in complex regional pain syndrome (CRPS), **110**, 756
Extracellular single-unit recording
Prostaglandin E_2 in the midbrain periaqueductal gray produces hyperalgesia and activates pain-modulating circuitry in the rostral ventromedial medulla, **110**, 419
Extremity
Complex regional pain syndrome-like symptoms during herpes zoster, **110**, 8
Factor analysis
Differentiating sensory and affective-sensory pain descriptions in patients undergoing magnetic resonance imaging for persistent low back pain, **110**, 189
Factor-alpha
Role of TNF-alpha in sensitization of nociceptive dorsal horn neurons induced by application of nucleus pulposus to L5 dorsal root ganglion in rats, **110**, 578
Fear
Contributions of the anterior cingulate cortex and amygdala to pain- and fear-conditioned place avoidance in rats, **110**, 343
Fentanyl
Pre-emptive analgesia using intravenous fentanyl plus low-dose ketamine for radical prostatectomy under general anesthesia does not produce short-term or long-term reductions in pain or analgesic use, **110**, 707
Fibromyalgia
Familial aggregation of depression in fibromyalgia: a community-based test of alternate hypotheses, **110**, 449
Fibromyalgia
Maintenance of windup of second pain requires less frequent stimulation in fibromyalgia patients compared to normal controls, **110**, 689
First-degree relatives
Familial aggregation of depression in fibromyalgia: a community-based test of alternate hypotheses, **110**, 449
Foot disability
The Cheshire Foot Pain and Disability Survey: a population survey assessing prevalence and associations, **110**, 378
Foot pain
The Cheshire Foot Pain and Disability Survey: a population survey assessing prevalence and associations, **110**, 378
Formalin pain
Diurnal changes of tonic nociceptive responses in mice: evidence for a proalgesic role of melatonin, **110**, 250
Functional pinealectomy
Diurnal changes of tonic nociceptive responses in mice: evidence for a proalgesic role of melatonin, **110**, 250
Gabapentin
Gabapentin for the prevention of postoperative pain after vaginal hysterectomy, **110**, 175
Gender differences
Sex differences in temporal characteristics of descending inhibitory control: an evaluation using repeated bilateral experimental induction of muscle pain, **110**, 72
General practice
Prognostic factors for neck pain in general practice, **110**, 639
Genetic factor
The human histocompatibility leukocyte antigen (HLA) haplotype is associated with the onset of postherpetic neuralgia after herpes zoster, **110**, 329
Global assessment
The analgesic effects that underlie patient satisfaction with treatment, **110**, 480
Global effects
Characterization of basal and re-inflammation-associated long-term alteration in pain responsivity following short-lasting neonatal local inflamatory insult, **110**, 588
Glutamate receptor
Block of NMDA and non-NMDA receptor activation results in reduced background and evoked activity of central amygdala neurons in a model of arthritic pain, **110**, 112
Group IV afferent units
Acidic pH and capsaicin activate mechanosensitive group IV muscle receptors in the rat, **110**, 149
Headache
Neck pain in adolescence. A 4-year follow-up of pain-free preadolescents, **110**, 427
Health Sciences
An integrated undergraduate pain curriculum, based on IASP curricula, for six Health Science Faculties, **110**, 140
Heat pain
Differential nociceptive deficits in patients with borderline personality disorder and self-injurious behavior: laser-evoked potentials, spatial discrimination of noxious stimuli, and pain ratings, **110**, 470
Heroin
Opiate anti-nociception is attenuated following lesion of large dopamine neurons of the periaqueductal grey: critical role for D_1 (not D_2) dopamine receptors, **110**, 205
Herpes zoster
The human histocompatibility leukocyte antigen (HLA) haplotype is associated with the onset of postherpetic neuralgia after herpes zoster, **110**, 329
Hip replacement
Pre-operative and post-operative effect of a pain management programme prior to total hip replacement: a randomized controlled trial, **110**, 33
Histamine
Peripheral P2X receptors and nociception: interactions with biogenic amine systems, **110**, 79
HLA class I and II
The human histocompatibility leukocyte antigen (HLA) haplotype is associated with the onset of postherpetic neuralgia after herpes zoster, **110**, 329
HLA haplotype
The human histocompatibility leukocyte antigen (HLA) haplotype is associated with the onset of postherpetic neuralgia after herpes zoster, **110**, 329
Hospitalized patients
Determinants of prescribing meperidine compared to morphine in hospitalized patients, **110**, 337
5-HT_3 receptor
The 5-HT_3 receptor facilitates at-level mechanical allodynia following spinal cord injury, **110**, 259
Human
Amplitudes of laser evoked potential recorded from primary somatosensory, parasylvian and medial frontal cortex are graded with stimulus intensity, **110**, 318
Human
In vitro opioid induced proliferation of peripheral blood immune cells correlates with in vivo cold pressor pain tolerance in humans: a biological marker of pain tolerance, **110**, 751
6-Hydroxydopamine
Opiate anti-nociception is attenuated following lesion of large dopamine neurons of the periaqueductal grey: critical role for D_1 (not D_2) dopamine receptors, **110**, 205
5-Hydroxytryptamine
Peripheral P2X receptors and nociception: interactions with biogenic amine systems, **110**, 79
Hyperalgesia
Characterization of basal and re-inflammation-associated long-term alteration in pain responsivity following short-lasting neonatal local inflamatory insult, **110**, 588

Hyperalgesia
Exaggerated nociceptive responses on morphine withdrawal: roles of protein kinase C ε and γ, **110**, 281
Hyperalgesia
Hyperalgesia in an animal model of multiple sclerosis, **110**, 560
Hyperalgesia
Mechanical allodynia and thermal hyperalgesia upon acute opioid withdrawal in the neonatal rat, **110**, 269
Hyperalgesia
Mustard oil has differential effects on the response of trigeminal caudalis neurons to heat and acidity, **110**, 64
Hyperalgesia
Nociceptive facilitating neurons in the rostral ventromedial medulla, **110**, 158
Hyperalgesia
Pain in primary erythromelalgia—a neuropathic component?, **110**, 531
Hyperalgesia
Prostaglandin E_2 in the midbrain periaqueductal gray produces hyperalgesia and activates pain-modulating circuitry in the rostral ventromedial medulla, **110**, 419
Hyperalgesia
Somatostatin modulates the transient receptor potential vanilloid 1 (TRPV1) ion channel, **110**, 616
Hypermobility
Prognosis of non-specific musculoskeletal pain in preadolescents: A prospective 4-year follow-up study till adolescence, **110**, 550
Hypertonic infusion
Experimental pain perception remains equally active over all sleep stages, **110**, 646
Hypoalgesia
Characterization of basal and re-inflammation-associated long-term alteration in pain responsivity following short-lasting neonatal local inflamatory insult, **110**, 588
Hypoalgesia
Opiate anti-nociception is attenuated following lesion of large dopamine neurons of the periaqueductal grey: critical role for D_1 (not D_2) dopamine receptors, **110**, 205
Hypothalamus
c-fos and CRF receptor gene transcription in the brain of acetic acid-induced somato-visceral pain in rats, **110**, 738
Idazoxan
Antihyperalgesic effects of cizolirtine in diabetic rats: behavioral and biochemical studies, **110**, 22
Imagery
Imagery reduces children's post-operative pain, **110**, 439
Immune system
In vitro opioid induced proliferation of peripheral blood immune cells correlates with in vivo cold pressor pain tolerance in humans: a biological marker of pain tolerance, **110**, 751
Inflammation
Differential expression of central metabotropic glutamate receptor (mGluR) subtypes in a clinical model of post-surgical pain, **110**, 369
Inflammation
Experimental malignancy in the rat induces early hypersensitivity indicative of neuritis, **110**, 727
Inflammation
Sensitization to bradykinin B1 and B2 receptor activation in UV-B irradiated human skin, **110**, 197
Inflammatory pain
Block of NMDA and non-NMDA receptor activation results in reduced background and evoked activity of central amygdala neurons in a model of arthritic pain, **110**, 112
Interference
The prevalence of pain and pain interference in a general population of older adults: cross-sectional findings from the North Staffordshire Osteoarthritis Project (NorStOP), **110**, 361
Interleukin-1
HIV-1 gp120 Stimulates proinflammatory cytokine-mediated pain facilitation via activation of nitric oxide synthase-I (nNOS), **110**, 517
Interleukin-1
Peri-sciatic proinflammatory cytokines, reactive oxygen species, and complement induce mirror-image neuropathic pain in rats, **110**, 299
Interleukin-6
HIV-1 gp120 Stimulates proinflammatory cytokine-mediated pain facilitation via activation of nitric oxide synthase-I (nNOS), **110**, 517
Interleukin-6
Peri-sciatic proinflammatory cytokines, reactive oxygen species, and complement induce mirror-image neuropathic pain in rats, **110**, 299
Intra-class correlation coefficient
Reproducibility and responsiveness of the Whiplash Disability Questionnaire, **110**, 681
Intrathecal perfusion
Antihyperalgesic effects of cizolirtine in diabetic rats: behavioral and biochemical studies, **110**, 22
Isobolographic analysis
Evidence for an exclusive antinociceptive effect of nociceptin/orphanin FQ, an endogenous ligand for the ORL1 receptor, in two animal models of neuropathic pain, **110**, 236
Item response theory
Comparison of two psychometric scaling methods for ratings of acute musculoskeletal pain, **110**, 488
Ketamine
Pre-emptive analgesia using intravenous fentanyl plus low-dose ketamine for radical prostatectomy under general anesthesia does not produce short-term or long-term reductions in pain or analgesic use, **110**, 707
Knee pain
Block of NMDA and non-NMDA receptor activation results in reduced background and evoked activity of central amygdala neurons in a model of arthritic pain, **110**, 112
Laser evoked potential
Amplitudes of laser evoked potential recorded from primary somatosensory, parasylvian and medial frontal cortex are graded with stimulus intensity, **110**, 318
Laser-evoked potential
Differential morphine effects on short- and long-latency laser-evoked cortical responses in the rat, **110**, 665
L-DOPA
Antinociceptive mechanism of L-DOPA, **110**, 246
Level of functioning
Pain-related fear and daily functioning in patients with osteoarthritis, **110**, 228
Limbic system
Block of NMDA and non-NMDA receptor activation results in reduced background and evoked activity of central amygdala neurons in a model of arthritic pain, **110**, 112
Local anesthetics
Site 1 sodium channel blockers prolong the duration of sciatic nerve blockade from tricyclic antidepressants, **110**, 432
Local anesthetics
State-dependent block of voltage-gated Na^+ channels by amitriptyline via the local anesthetic receptor and its implication for neuropathic pain, **110**, 166
Local effects
Characterization of basal and re-inflammation-associated long-term alteration in pain responsivity following short-lasting neonatal local inflamatory insult, **110**, 588
Low back pain
Differentiating sensory and affective-sensory pain descriptions in patients undergoing magnetic resonance imaging for persistent low back pain, **110**, 189
Luzindole
Diurnal changes of tonic nociceptive responses in mice: evidence for a proalgesic role of melatonin, **110**, 250

Major depressive disorder
Familial aggregation of depression in fibromyalgia: a community-based test of alternate hypotheses, **110**, 449
Malignancy
Experimental malignancy in the rat induces early hypersensitivity indicative of neuritis, **110**, 727
Melatonin receptor
Diurnal changes of tonic nociceptive responses in mice: evidence for a proalgesic role of melatonin, **110**, 250
Memory
Rapid deterioration of pain sensory-discriminative information in short-term memory, **110**, 605
Meperidine
Determinants of prescribing meperidine compared to morphine in hospitalized patients, **110**, 337
Metabotropic glutamate receptor
Differential expression of central metabotropic glutamate receptor (mGluR) subtypes in a clinical model of post-surgical pain, **110**, 369
αβ-Methylene-ATP
Peripheral P2X receptors and nociception: interactions with biogenic amine systems, **110**, 79
Microdialysis
Sensitization to bradykinin B1 and B2 receptor activation in UV-B irradiated human skin, **110**, 197
Microglia
HIV-1 gp120 Stimulates proinflammatory cytokine-mediated pain facilitation via activation of nitric oxide synthase-I (nNOS), **110**, 517
Microinjection
Prostaglandin E_2 in the midbrain periaqueductal gray produces hyperalgesia and activates pain-modulating circuitry in the rostral ventromedial medulla, **110**, 419
Migraine
Glyceryl trinitrate triggers premonitory symptoms in migraineurs, **110**, 675
Minimal detectable change statistic
Reproducibility and responsiveness of the Whiplash Disability Questionnaire, **110**, 681
Mononeuropathic rats
Evidence for an exclusive antinociceptive effect of nociceptin/orphanin FQ, an endogenous ligand for the ORL1 receptor, in two animal models of neuropathic pain, **110**, 236
Monthly reports
Variation in reporting of pain and other subjective health complaints in a working population and limitations of single sample measurements, **110**, 130
Mood-as-input
Active despite pain: the putative role of stop-rules and current mood, **110**, 512
Morphine
Attenuation of mechanical allodynia by clinically utilized drugs in a rat chemotherapy-induced neuropathic pain model, **110**, 56
Morphine
Determinants of prescribing meperidine compared to morphine in hospitalized patients, **110**, 337
Morphine
Differential morphine effects on short- and long-latency laser-evoked cortical responses in the rat, **110**, 665
Morphine
In vitro opioid induced proliferation of peripheral blood immune cells correlates with in vivo cold pressor pain tolerance in humans: a biological marker of pain tolerance, **110**, 751
Morphine
Opiate anti-nociception is attenuated following lesion of large dopamine neurons of the periaqueductal grey: critical role for D_1 (not D_2) dopamine receptors, **110**, 205
Morphine analgesia
Evidence for an exclusive antinociceptive effect of nociceptin/orphanin FQ, an endogenous ligand for the ORL1 receptor, in two animal models of neuropathic pain, **110**, 236
Morphine withdrawal
Exaggerated nociceptive responses on morphine withdrawal: roles of protein kinase C ε and γ, **110**, 281
Morphine withdrawal
Mechanical allodynia and thermal hyperalgesia upon acute opioid withdrawal in the neonatal rat, **110**, 269
Movement-related cortical potentials
Neuroelectric source imaging of steady-state movement-related cortical potentials in human upper extremity amputees with and without phantom limb pain, **110**, 90
Multiple sclerosis
Hyperalgesia in an animal model of multiple sclerosis, **110**, 560
Muscle
Experimental pain perception remains equally active over all sleep stages, **110**, 646
Musculoskeletal pain
Neck pain in adolescence. A 4-year follow-up of pain-free preadolescents, **110**, 427
Musculoskeletal Pain
Prognosis of non-specific musculoskeletal pain in preadolescents: A prospective 4-year follow-up study till adolescence, **110**, 550
Muskuloskeletal
Variation in reporting of pain and other subjective health complaints in a working population and limitations of single sample measurements, **110**, 130
Mustard oil
Mustard oil has differential effects on the response of trigeminal caudalis neurons to heat and acidity, **110**, 64
Natural killer activity
Chronic fentanyl or buprenorphine infusion in the mouse: similar analgesic profile but different effects on immune responses, **110**, 385
Nausea
Gabapentin for the prevention of postoperative pain after vaginal hysterectomy, **110**, 175
Neck pain
Neck pain in adolescence. A 4-year follow-up of pain-free preadolescents, **110**, 427
Neck pain
Prognostic factors for neck pain in general practice, **110**, 639
Neglect
Impaired self-perception of the hand in complex regional pain syndrome (CRPS), **110**, 756
Neonatal rat
Exaggerated nociceptive responses on morphine withdrawal: roles of protein kinase C ε and γ, **110**, 281
Neonatal rat
Mechanical allodynia and thermal hyperalgesia upon acute opioid withdrawal in the neonatal rat, **110**, 269
Nerve blockade
Site 1 sodium channel blockers prolong the duration of sciatic nerve blockade from tricyclic antidepressants, **110**, 432
Nerve conduction
Pain behavior and nerve electrophysiology in the CCI model of neuropathic pain, **110**, 354
Nerve injury
Pain behavior and nerve electrophysiology in the CCI model of neuropathic pain, **110**, 354
Neuritis
Experimental malignancy in the rat induces early hypersensitivity indicative of neuritis, **110**, 727

Neuroelectric source imaging
Neuroelectric source imaging of steady-state movement-related cortical potentials in human upper extremity amputees with and without phantom limb pain, **110**, 90
Neuroinflammation
Mustard oil has differential effects on the response of trigeminal caudalis neurons to heat and acidity, **110**, 64
Neurolytic celiac plexus block
The effects of early or late neurolytic sympathetic plexus block on the management of abdominal or pelvic cancer pain, **110**, 400
Neurolytic hypogastric plexus block
The effects of early or late neurolytic sympathetic plexus block on the management of abdominal or pelvic cancer pain, **110**, 400
Neuronal activity
c-fos and CRF receptor gene transcription in the brain of acetic acid-induced somato-visceral pain in rats, **110**, 738
Neuropathic pain
Antihyperalgesic effects of cizolirtine in diabetic rats: behavioral and biochemical studies, **110**, 22
Neuropathic pain
Pain behavior and nerve electrophysiology in the CCI model of neuropathic pain, **110**, 354
Neuropathic pain
Pain in primary erythromelalgia—a neuropathic component?, **110**, 531
Neuropathic pain
State-dependent block of voltage-gated Na^+ channels by amitriptyline via the local anesthetic receptor and its implication for neuropathic pain, **110**, 166
Neuropathic pain
Symptoms and signs in patients with suspected neuropathic pain, **110**, 461
Neuropathic pain
The 5-HT_3 receptor facilitates at-level mechanical allodynia following spinal cord injury, **110**, 259
Neuropathic pain
The effects of axotomy on neurons and satellite glial cells in mouse trigeminal ganglion, **110**, 290
Neuropathic pain model
Attenuation of mechanical allodynia by clinically utilized drugs in a rat chemotherapy-induced neuropathic pain model, **110**, 56
Neuroplasticity
Block of NMDA and non-NMDA receptor activation results in reduced background and evoked activity of central amygdala neurons in a model of arthritic pain, **110**, 112
Nitric oxide
Glyceryl trinitrate triggers premonitory symptoms in migraineurs, **110**, 675
NMDA receptor antagonist
Block of NMDA and non-NMDA receptor activation results in reduced background and evoked activity of central amygdala neurons in a model of arthritic pain, **110**, 112
Nociceptin/orphanin FQ
Evidence for an exclusive antinociceptive effect of nociceptin/orphanin FQ, an endogenous ligand for the ORL1 receptor, in two animal models of neuropathic pain, **110**, 236
Nociception
Acidic pH and capsaicin activate mechanosensitive group IV muscle receptors in the rat, **110**, 149
Nociception
Block of NMDA and non-NMDA receptor activation results in reduced background and evoked activity of central amygdala neurons in a model of arthritic pain, **110**, 112
Nociception
In vitro opioid induced proliferation of peripheral blood immune cells correlates with in vivo cold pressor pain tolerance in humans: a biological marker of pain tolerance, **110**, 751
Nociception
Somatostatin modulates the transient receptor potential vanilloid 1 (TRPV1) ion channel, **110**, 616
Nociception
Why cooling is beneficial: non-linear temperature-dependency of stimulated iCGRP release from isolated rat skin, **110**, 215
Nociceptive behavior
Contributions of the anterior cingulate cortex and amygdala to pain- and fear-conditioned place avoidance in rats, **110**, 343
Nociceptive processing
Block of NMDA and non-NMDA receptor activation results in reduced background and evoked activity of central amygdala neurons in a model of arthritic pain, **110**, 112
Non-NMDA receptor
Block of NMDA and non-NMDA receptor activation results in reduced background and evoked activity of central amygdala neurons in a model of arthritic pain, **110**, 112
Noradrenaline
Peripheral P2X receptors and nociception: interactions with biogenic amine systems, **110**, 79
North Sttaffordshire Osteoarthritis Project
The prevalence of pain and pain interference in a general population of older adults: cross-sectional findings from the North Staffordshire Osteoarthritis Project (NorStOP), **110**, 361
Noxious heat
Why cooling is beneficial: non-linear temperature-dependency of stimulated iCGRP release from isolated rat skin, **110**, 215
Nucleus pulposus
Role of TNF-alpha in sensitization of nociceptive dorsal horn neurons induced by application of nucleus pulposus to L5 dorsal root ganglion in rats, **110**, 578
Nucleus raphe magnus
Nociceptive facilitating neurons in the rostral ventromedial medulla, **110**, 158
Nurse coaching
A randomized clinical trial of the effectiveness of a scheduled oral analgesic dosing regimen for the management of postoperative pain in children following tonsillectomy, **110**, 49
Oddball task
P300-amplitudes in upper limb amputees with and without phantom limb pain in a visual oddball paradigm, **110**, 40
Oesophagus
Cold and heat pain assessment of the human oesophagus after experimental sensitisation with acid, **110**, 393
On-cells
Nociceptive facilitating neurons in the rostral ventromedial medulla, **110**, 158
Opiates
Opiate anti-nociception is attenuated following lesion of large dopamine neurons of the periaqueductal grey: critical role for D_1 (not D_2) dopamine receptors, **110**, 205
Opioid consumption
The effects of early or late neurolytic sympathetic plexus block on the management of abdominal or pelvic cancer pain, **110**, 400
Opioid drugs
Chronic fentanyl or buprenorphine infusion in the mouse: similar analgesic profile but different effects on immune responses, **110**, 385
Opioids: fentanyl, sufentanil
Relative analgesic potency of fentanyl and sufentanil during intermediate-term infusions in patients after long-term opioid treatment for chronic pain, **110**, 182
Osteoarthritis
Effects of spouse-assisted coping skills training and exercise training in patients with osteoarthritic knee pain: a randomized controlled study, **110**, 539

Osteoarthritis
Gender differences in pain, coping, and mood in individuals having osteoarthritic knee pain: a within-day analysis, **110**, 571
Osteoarthritis
Pain-related fear and daily functioning in patients with osteoarthritis, **110**, 228
Outcome
Gabapentin for the prevention of postoperative pain after vaginal hysterectomy, **110**, 175
Outcomes assessment
The analgesic effects that underlie patient satisfaction with treatment, **110**, 480
Overuse
Active despite pain: the putative role of stop-rules and current mood, **110**, 512
P300
P300-amplitudes in upper limb amputees with and without phantom limb pain in a visual oddball paradigm, **110**, 40
Pain
c-fos and CRF receptor gene transcription in the brain of acetic acid-induced somato-visceral pain in rats, **110**, 738
Pain
Complex regional pain syndrome-like symptoms during herpes zoster, **110**, 8
Pain
Contributions of the anterior cingulate cortex and amygdala to pain- and fear-conditioned place avoidance in rats, **110**, 343
Pain
Determinants of prescribing meperidine compared to morphine in hospitalized patients, **110**, 337
Pain
Differential expression of central metabotropic glutamate receptor (mGluR) subtypes in a clinical model of post-surgical pain, **110**, 369
Pain
Differential morphine effects on short- and long-latency laser-evoked cortical responses in the rat, **110**, 665
Pain
Experimental pain perception remains equally active over all sleep stages, **110**, 646
Pain
Opiate anti-nociception is attenuated following lesion of large dopamine neurons of the periaqueductal grey: critical role for D_1 (not D_2) dopamine receptors, **110**, 205
Pain
Pain catastrophizing and interpersonal problems: a circumplex analysis of the communal coping model, **110**, 597
Pain
Rapid deterioration of pain sensory-discriminative information in short-term memory, **110**, 605
Pain
Sensitization to bradykinin B1 and B2 receptor activation in UV-B irradiated human skin, **110**, 197
Pain
The calpain inhibitor MDL 28170 prevents inflammation-induced neurofilament light chain breakdown in the spinal cord and reduces thermal hyperalgesia, **110**, 409
Pain
The prevalence of pain and pain interference in a general population of older adults: cross-sectional findings from the North Staffordshire Osteoarthritis Project (NorStOP), **110**, 361
Pain
Venlafaxine extended release in the treatment of painful diabetic neuropathy: a double-blind, placebo-controlled study, **110**, 697
Pain assessment
Differentiating sensory and affective-sensory pain descriptions in patients undergoing magnetic resonance imaging for persistent low back pain, **110**, 189
Pain catastrophizing
Distraction from chronic pain during a pain-inducing activity is associated with greater post-activity pain, **110**, 220
Pain catastrophizing
Pain catastrophizing and social support in married individuals with chronic pain: the moderating role of pain duration, **110**, 656
Pain clinical trials
The analgesic effects that underlie patient satisfaction with treatment, **110**, 480
Pain coping
Gender differences in pain, coping, and mood in individuals having osteoarthritic knee pain: a within-day analysis, **110**, 571
Pain coping skills
Effects of spouse-assisted coping skills training and exercise training in patients with osteoarthritic knee pain: a randomized controlled study, **110**, 539
Pain descriptors
Symptoms and signs in patients with suspected neuropathic pain, **110**, 461
Pain Disability Index
Electronic pain questionnaires: A randomized, crossover comparison with paper questionnaires for chronic pain assessment, **110**, 310
Pain intensity
Neck pain in adolescence. A 4-year follow-up of pain-free preadolescents, **110**, 427
Pain intensity
Symptoms and signs in patients with suspected neuropathic pain, **110**, 461
Pain management programme
Pre-operative and post-operative effect of a pain management programme prior to total hip replacement: a randomized controlled trial, **110**, 33
Pain mechanisms
Pro-nociceptive role of peripheral galanin in inflammatory pain, **110**, 10
Pain modulation
Nociceptive facilitating neurons in the rostral ventromedial medulla, **110**, 158
Pain modulation
Prostaglandin E_2 in the midbrain periaqueductal gray produces hyperalgesia and activates pain-modulating circuitry in the rostral ventromedial medulla, **110**, 419
Pain processing
Block of NMDA and non-NMDA receptor activation results in reduced background and evoked activity of central amygdala neurons in a model of arthritic pain, **110**, 112
Painful diabetic neuropathy
Pregabalin for the treatment of painful diabetic peripheral neuropathy: a double-blind, placebo-controlled trial, **110**, 628
Pain-related fear
Distraction from chronic pain during a pain-inducing activity is associated with greater post-activity pain, **110**, 220
Pain-related fear
Pain-related fear and daily functioning in patients with osteoarthritis, **110**, 228
Parasylvian cortex
Amplitudes of laser evoked potential recorded from primary somatosensory, parasylvian and medial frontal cortex are graded with stimulus intensity, **110**, 318
Paroxetine
Antihyperalgesic effects of cizolirtine in diabetic rats: behavioral and biochemical studies, **110**, 22
Paw inflammation
The calpain inhibitor MDL 28170 prevents inflammation-induced neurofilament light chain breakdown in the spinal cord and reduces thermal hyperalgesia, **110**, 409
Paw withdrawal and vocalization thresholds
Antihyperalgesic effects of cizolirtine in diabetic rats: behavioral and biochemical studies, **110**, 22

Pediatric pain
A randomized clinical trial of the effectiveness of a scheduled oral analgesic dosing regimen for the management of postoperative pain in children following tonsillectomy, **110**, 49
Periaqueductal grey
Opiate anti-nociception is attenuated following lesion of large dopamine neurons of the periaqueductal grey: critical role for D_1 (not D_2) dopamine receptors, **110**, 205
Perinatal
Self-mutilation in young children following brachial plexus birth injury, **110**, 123
Peripheral blood mononuclear cells
In vitro opioid induced proliferation of peripheral blood immune cells correlates with in vivo cold pressor pain tolerance in humans: a biological marker of pain tolerance, **110**, 751
Phantom limb pain
Neuroelectric source imaging of steady-state movement-related cortical potentials in human upper extremity amputees with and without phantom limb pain, **110**, 90
Phantom limb pain
P300-amplitudes in upper limb amputees with and without phantom limb pain in a visual oddball paradigm, **110**, 40
Postherpetic neuralgia
The human histocompatibility leukocyte antigen (HLA) haplotype is associated with the onset of postherpetic neuralgia after herpes zoster, **110**, 329
Postoperative
Comparison of two psychometric scaling methods for ratings of acute musculoskeletal pain, **110**, 488
Postoperative pain
Gabapentin for the prevention of postoperative pain after vaginal hysterectomy, **110**, 175
Post-operative pain
Imagery reduces children's post-operative pain, **110**, 439
Postoperative pain management
A randomized clinical trial of the effectiveness of a scheduled oral analgesic dosing regimen for the management of postoperative pain in children following tonsillectomy, **110**, 49
Post-traumatic stress disorder
Complex regional pain syndrome as a stress response, **110**, 495
Preadolescents
Prognosis of non-specific musculoskeletal pain in preadolescents: A prospective 4-year follow-up study till adolescence, **110**, 550
Prediction model
Prognostic factors for neck pain in general practice, **110**, 639
Pregabalin
Pregabalin for the treatment of painful diabetic peripheral neuropathy: a double-blind, placebo-controlled trial, **110**, 628
Premonitory
Glyceryl trinitrate triggers premonitory symptoms in migraineurs, **110**, 675
Preoperatively
Gabapentin for the prevention of postoperative pain after vaginal hysterectomy, **110**, 175
Prescribing
Determinants of prescribing meperidine compared to morphine in hospitalized patients, **110**, 337
Primary afferent
Somatostatin modulates the transient receptor potential vanilloid 1 (TRPV1) ion channel, **110**, 616
Primary somatosensory cortex
Differential morphine effects on short- and long-latency laser-evoked cortical responses in the rat, **110**, 665
Prognosis
Prognosis of non-specific musculoskeletal pain in preadolescents: A prospective 4-year follow-up study till adolescence, **110**, 550
Prognosis
Prognostic factors for neck pain in general practice, **110**, 639
Prognostic indicators
Prognostic factors for neck pain in general practice, **110**, 639
Protease
The calpain inhibitor MDL 28170 prevents inflammation-induced neurofilament light chain breakdown in the spinal cord and reduces thermal hyperalgesia, **110**, 409
Protein kinase C epsilon
Exaggerated nociceptive responses on morphine withdrawal: roles of protein kinase C ε and γ, **110**, 281
Protein kinase C gamma
Exaggerated nociceptive responses on morphine withdrawal: roles of protein kinase C ε and γ, **110**, 281
Protons
Acidic pH and capsaicin activate mechanosensitive group IV muscle receptors in the rat, **110**, 149
Psychological
Variation in reporting of pain and other subjective health complaints in a working population and limitations of single sample measurements, **110**, 130
Psychological distress
Pain catastrophizing and social support in married individuals with chronic pain: the moderating role of pain duration, **110**, 656
Psychometrics
Differentiating sensory and affective-sensory pain descriptions in patients undergoing magnetic resonance imaging for persistent low back pain, **110**, 189
Psychophysics
Rapid deterioration of pain sensory-discriminative information in short-term memory, **110**, 605
Quality improvement
Determinants of prescribing meperidine compared to morphine in hospitalized patients, **110**, 337
Quality of life
The effects of early or late neurolytic sympathetic plexus block on the management of abdominal or pelvic cancer pain, **110**, 400
Radicular pain
Role of TNF-alpha in sensitization of nociceptive dorsal horn neurons induced by application of nucleus pulposus to L5 dorsal root ganglion in rats, **110**, 578
Raphe
Prostaglandin E_2 in the midbrain periaqueductal gray produces hyperalgesia and activates pain-modulating circuitry in the rostral ventromedial medulla, **110**, 419
Rat
Characterization of basal and re-inflammation-associated long-term alteration in pain responsivity following short-lasting neonatal local inflamatory insult, **110**, 588
Rats
Sensory fibers resistant to the actions of tetrodotoxin mediate nocifensive responses to local administration of endothelin-1 in rats, **110**, 719
Reactive oxygen species
Peri-sciatic proinflammatory cytokines, reactive oxygen species, and complement induce mirror-image neuropathic pain in rats, **110**, 299
Reflex sympathetic dystrophy
Complex regional pain syndrome as a stress response, **110**, 495
Reflex sympathetic dystrophy
Complex regional pain syndrome-like symptoms during herpes zoster, **110**, 8
Satellite glial cells
The effects of axotomy on neurons and satellite glial cells in mouse trigeminal ganglion, **110**, 290
Satisfaction
The analgesic effects that underlie patient satisfaction with treatment, **110**, 480

Sciatic nerve
Peri-sciatic proinflammatory cytokines, reactive oxygen species, and complement induce mirror-image neuropathic pain in rats, **110**, 299
Sciatica
Role of TNF-alpha in sensitization of nociceptive dorsal horn neurons induced by application of nucleus pulposus to L5 dorsal root ganglion in rats, **110**, 578
Self-injurious behaviour
Differential nociceptive deficits in patients with borderline personality disorder and self-injurious behavior: laser-evoked potentials, spatial discrimination of noxious stimuli, and pain ratings, **110**, 470
Self-mutilation
Self-mutilation in young children following brachial plexus birth injury, **110**, 123
Sensitisation
Cold and heat pain assessment of the human oesophagus after experimental sensitisation with acid, **110**, 393
Sensitization
Role of TNF-alpha in sensitization of nociceptive dorsal horn neurons induced by application of nucleus pulposus to L5 dorsal root ganglion in rats, **110**, 578
Sensitization
Why cooling is beneficial: non-linear temperature-dependency of stimulated iCGRP release from isolated rat skin, **110**, 215
Sensorimotor reorganization
Neuroelectric source imaging of steady-state movement-related cortical potentials in human upper extremity amputees with and without phantom limb pain, **110**, 90
Serotinin
The 5-HT_3 receptor facilitates at-level mechanical allodynia following spinal cord injury, **110**, 259
Short-Form McGill Pain Questionnaire
Differentiating sensory and affective-sensory pain descriptions in patients undergoing magnetic resonance imaging for persistent low back pain, **110**, 189
Short-form McGill Pain Questionnaire
Electronic pain questionnaires: A randomized, crossover comparison with paper questionnaires for chronic pain assessment, **110**, 310
Side effects
Gabapentin for the prevention of postoperative pain after vaginal hysterectomy, **110**, 175
Skeletal muscle
Acidic pH and capsaicin activate mechanosensitive group IV muscle receptors in the rat, **110**, 149
Sleep
Experimental pain perception remains equally active over all sleep stages, **110**, 646
Sleep arousal
Experimental pain perception remains equally active over all sleep stages, **110**, 646
Small fiber neuropathy
Pain in primary erythromelalgia—a neuropathic component?, **110**, 531
Social support
Pain catastrophizing and social support in married individuals with chronic pain: the moderating role of pain duration, **110**, 656
Sodium channel blockers
Site 1 sodium channel blockers prolong the duration of sciatic nerve blockade from tricyclic antidepressants, **110**, 432
Somatosensory cortex
Amplitudes of laser evoked potential recorded from primary somatosensory, parasylvian and medial frontal cortex are graded with stimulus intensity, **110**, 318
Somatostatin
Somatostatin modulates the transient receptor potential vanilloid 1 (TRPV1) ion channel, **110**, 616
Spinal cord
Differential expression of central metabotropic glutamate receptor (mGluR) subtypes in a clinical model of post-surgical pain, **110**, 369
Spinal cord
Exaggerated nociceptive responses on morphine withdrawal: roles of protein kinase C ε and γ, **110**, 281
Spinal cord
Mechanical allodynia and thermal hyperalgesia upon acute opioid withdrawal in the neonatal rat, **110**, 269
Spinal cord injury
The 5-HT_3 receptor facilitates at-level mechanical allodynia following spinal cord injury, **110**, 259
Spouse-assisted coping skills training
Effects of spouse-assisted coping skills training and exercise training in patients with osteoarthritic knee pain: a randomized controlled study, **110**, 539
State-dependent block
State-dependent block of voltage-gated Na^+ channels by amitriptyline via the local anesthetic receptor and its implication for neuropathic pain, **110**, 166
Stimulus intensity
Amplitudes of laser evoked potential recorded from primary somatosensory, parasylvian and medial frontal cortex are graded with stimulus intensity, **110**, 318
Stress
c-fos and CRF receptor gene transcription in the brain of acetic acid-induced somato-visceral pain in rats, **110**, 738
Subdural recording
Amplitudes of laser evoked potential recorded from primary somatosensory, parasylvian and medial frontal cortex are graded with stimulus intensity, **110**, 318
Substance P
Antinociceptive mechanism of L-DOPA, **110**, 246
Surgery
Gabapentin for the prevention of postoperative pain after vaginal hysterectomy, **110**, 175
Survey
The Cheshire Foot Pain and Disability Survey: a population survey assessing prevalence and associations, **110**, 378
Target-controlled infusion: opioids
Relative analgesic potency of fentanyl and sufentanil during intermediate-term infusions in patients after long-term opioid treatment for chronic pain, **110**, 182
Task persistence
Active despite pain: the putative role of stop-rules and current mood, **110**, 512
Temperature
Cold and heat pain assessment of the human oesophagus after experimental sensitisation with acid, **110**, 393
Temperature
Rapid deterioration of pain sensory-discriminative information in short-term memory, **110**, 605
Temporal summation
Maintenance of windup of second pain requires less frequent stimulation in fibromyalgia patients compared to normal controls, **110**, 689
Temporal summation
Symptoms and signs in patients with suspected neuropathic pain, **110**, 461
Temporomandibular disorders
Pain-related catastrophizing: a daily process study, **110**, 103
Test theory
Comparison of two psychometric scaling methods for ratings of acute musculoskeletal pain, **110**, 488
Tetrodotoxin
Sensory fibers resistant to the actions of tetrodotoxin mediate nocifensive responses to local administration of endothelin-1 in rats, **110**, 719
Tetrodotoxin
Site 1 sodium channel blockers prolong the duration of sciatic nerve blockade from tricyclic antidepressants, **110**, 432
Thermal hyperalgesia
Peripheral P2X receptors and nociception: interactions with biogenic amine systems, **110**, 79

Tolerance
Chronic fentanyl or buprenorphine infusion in the mouse: similar analgesic profile but different effects on immune responses, **110**, 385
Tonsillectomy
Imagery reduces children's post-operative pain, **110**, 439
Tonsillectomy pain
A randomized clinical trial of the effectiveness of a scheduled oral analgesic dosing regimen for the management of postoperative pain in children following tonsillectomy, **110**, 49
Trapezius muscle pain
Sex differences in temporal characteristics of descending inhibitory control: an evaluation using repeated bilateral experimental induction of muscle pain, **110**, 72
Traumatic brain injury
Complex regional pain syndrome as a stress response, **110**, 495
Tricyclic antidepressants
Site 1 sodium channel blockers prolong the duration of sciatic nerve blockade from tricyclic antidepressants, **110**, 432
Trigeminal ganglion
The effects of axotomy on neurons and satellite glial cells in mouse trigeminal ganglion, **110**, 290
TRPV channels
Why cooling is beneficial: non-linear temperature-dependency of stimulated iCGRP release from isolated rat skin, **110**, 215
Tumor necrosis
Role of TNF-alpha in sensitization of nociceptive dorsal horn neurons induced by application of nucleus pulposus to L5 dorsal root ganglion in rats, **110**, 578
Tumor necrosis factor
HIV-1 gp120 Stimulates proinflammatory cytokine-mediated pain facilitation via activation of nitric oxide synthase-I (nNOS), **110**, 517
Tumor necrosis factor
Peri-sciatic proinflammatory cytokines, reactive oxygen species, and complement induce mirror-image neuropathic pain in rats, **110**, 299
Undergraduate interprofessional pain education
An integrated undergraduate pain curriculum, based on IASP curricula, for six Health Science Faculties, **110**, 140
UV-B
Sensitization to bradykinin B1 and B2 receptor activation in UV-B irradiated human skin, **110**, 197
Vaginal hysterectomy
Gabapentin for the prevention of postoperative pain after vaginal hysterectomy, **110**, 175
Variability
Variation in reporting of pain and other subjective health complaints in a working population and limitations of single sample measurements, **110**, 130
Varicella zoster virus
The human histocompatibility leukocyte antigen (HLA) haplotype is associated with the onset of postherpetic neuralgia after herpes zoster, **110**, 329
Venlafaxine extended release (ER)
Venlafaxine extended release in the treatment of painful diabetic neuropathy: a double-blind, placebo-controlled study, **110**, 697
Vigilance
Distraction from chronic pain during a pain-inducing activity is associated with greater post-activity pain, **110**, 220
Vincristine
Attenuation of mechanical allodynia by clinically utilized drugs in a rat chemotherapy-induced neuropathic pain model, **110**, 56
Voltage-gated Na^+ channel
State-dependent block of voltage-gated Na^+ channels by amitriptyline via the local anesthetic receptor and its implication for neuropathic pain, **110**, 166
VR1
Somatostatin modulates the transient receptor potential vanilloid 1 (TRPV1) ion channel, **110**, 616
Weakness
Complex regional pain syndrome-like symptoms during herpes zoster, **110**, 8
Whiplash Specific Disability Questionnaire
Reproducibility and responsiveness of the Whiplash Disability Questionnaire, **110**, 681